

# Huntington's Disease Products

Huntington's disease (HD) is an inherited fatal genetic disorder causing the progressive breakdown of nerve cells in the brain. The physical and mental abilities of a patient deteriorates during their prime working years with no known cure. BioVision offers many tools for Huntington's disease research.

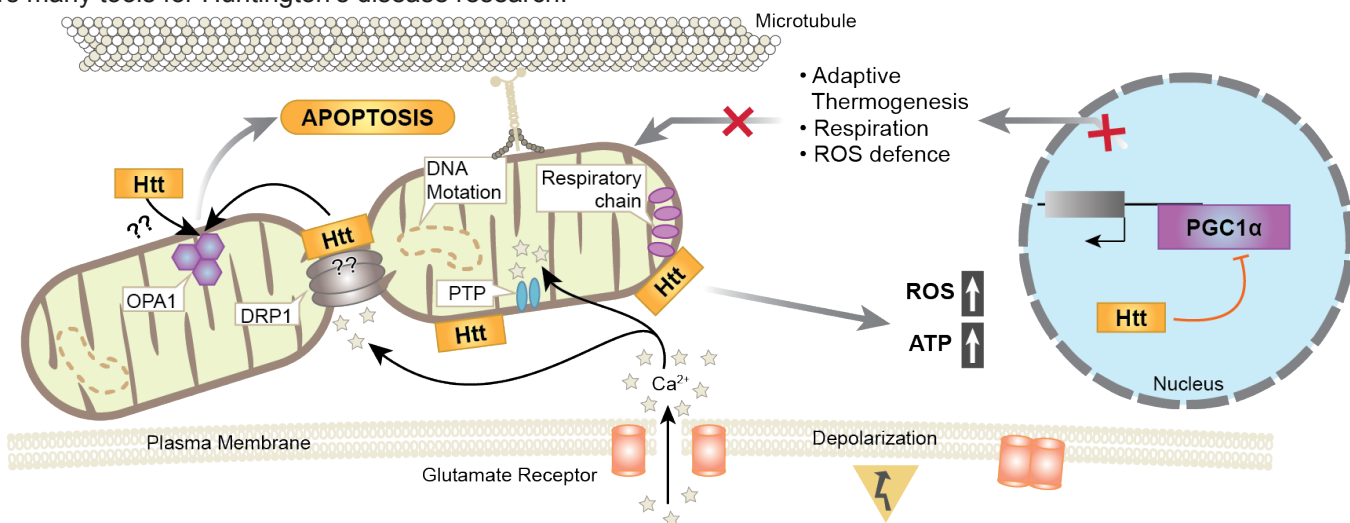


Figure adapted from: The EMBO Journal (2012) 31, 1853-1864

## Adenosine A2A

Adenosine A2A Receptors belong to the G protein-coupled receptor (GPCR) in adenosine receptor family including A1, A2B, A2A etc. It is believed that this receptor regulates cardiac oxygen demands and enhances coronary circulation by vasodilation.

## Assay Kits

Product Name	Cat. No.	Size
Adenosine Deaminase (ADA1) Inhibitor Screening Kit (Colorimetric)	K993	100 Assays

## Biochemicals

Product Name	Cat. No.	Size	CAS No.
AZD-4635	B2012	5 mg, 25 mg	1321514-06-0
Bacitracin	B1529	5 g, 25 g	1405-87-4
CPI-444	B1970	5 mg, 25 mg	1202402-40-1
ML243	2515	5 mg, 25 mg	1426576-80-8
SCH-58261	B1638	5 mg, 25 mg	160098-96-4

## Autophagy

Autophagy is a natural regulated mechanism where a cell breaks down its dysfunctional components to be degraded in lysosomes, thus balancing the sources of energy in the critical cellular stress state. Autophagy is closely linked to Apoptosis.

## Antibodies

Product Name	Cat. No.	Size
AMPKα1 Antibody	3110	100 µg
AMPKα2 Antibody	3117	100 µg
AMPKα2 Antibody	3169	100 µg
AMPKα Antibody	3113	100 µg
Anti-LC3B Rabbit Monoclonal Antibody	A1599	50 µl
APG10/ATG10 Antibody	3910	100 µg
APG12/ATG12 Antibody	3912	30 µg, 100 µg
APG12/ATG12 Blocking Peptide	3912BP	50 µg

Product Name	Cat. No.	Size
APG16/ATG16 Antibody	3916	30 µg, 100 µg
APG16/ATG16 Blocking Peptide	3916BP	50 µg
Apg5/Atg5 Blocking Peptide	3886BP	50 µg
Apg5/Atg5 Antibody	3886	30 µg, 100 µg
APG7/ATG7 Antibody	3907	30 µg, 100 µg
APG7/ATG7 Blocking Peptide	3907BP	50 µg
ATG16 Antibody (Center)	5070	100 µg
ATG9B Antibody (CT)	5065	100 µg
Bad Antibody	3030	100 µg
Bax Antibody	3032	30 µg, 100 µg
Bax Blocking Peptide	3032BP	50 µg
Bcl-2 Antibody	3033	30 µg, 100 µg
Bcl-2 Antibody (Clone Bcl-2/100)	3195	100 µg
Beclin 1 Antibody	3663	30 µg, 100 µg
Beclin 1 Blocking Peptide	3663BP	50 µg
Bid Antibody	3172	30 µg, 100 µg
Bid Antibody	3272	30 µg, 100 µg
Bid Blocking Peptide	3172BP	50 µg
Bid Blocking Peptide	3272BP	50 µg
Bnip3L/Nix Antibody	3205	100 µg
Calreticulin Antibody	3077	30 µg, 100 µg
Calreticulin Antibody (Clone S75)	3076	100 µg
Calreticulin Blocking Peptide	3077BP	50 µg
DRAM Antibody (NT)	5075	100 µg
FKBP12 Antibody	3635	30 µg, 100 µg
FKBP12 Blocking Peptide	3635BP	50 µg
IRS-1 Antibody	3424	100 µg
IRS-1 Blocking Peptide	3424BP	50 µg
LAMP-1 Antibody (Center)	5077	100 µg
LAMP-2 Antibody (CT)	5078	100 µg
LC3 (APG8) Antibody (Clone 166AT1234)	3233	100 µl

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Product Name	Cat. No.	Size
LC3 (APG8A) (Isoform A specific) Antibody	3235	100 µl
LC3 (APG8A) (NT) Antibody	6948	100 µl
LC3 (APG8B) (NT) Antibody	6946	100 µl
LC3 (APG8C) Antibody	6950	100 µl
LC3A (Cleaved) Antibody	6947	100 µl
LC3B (Cleaved) Antibody	6949	100 µl
Mek1/2 Antibody	3518	100 µl
mTOR Antibody	3786	100 µl
PCNA Antibody	3350R	30 µg, 100 µg
PCNA Blocking Peptide	3350RBP	50 µg
PKD1 Antibody	3449	30 µg, 100 µg
PKD1 Blocking Peptide	3449BP	50 µg
Phospho-Bad Antibody	3269	100 µg
Phospho-Elk-1 Antibody	3388	100 µg
Phospho-IRS (Ser616) Antibody (Clone HIR-B1)	3105	100 µg
Phospho-LC3C(S12) Antibody	6951	100 µl
Phospho-Mek1/2 Antibody	3519	100 µl
Presenilin 1 Antibody	3481	100 µg
Presenilin 2 Antibody	3482	100 µg
PTEN Antibody	3479	100 µg

## Autophagy Inducers

Product Name	Cat. No.	Size
Amiodarone Hydrochloride	1828	100 mg, 500 mg
C2-Dihydroceramide	2391	5 mg, 25 mg
Clonidine hydrochloride	2684	100 mg, 500 mg
Dorsomorphin	1686	5 mg
Loperamide hydrochloride	2683	500 mg, 1 g
Rasfonin	B1977	500 µg
Rottlerin	1827	10 mg
SBI-0206965	9580	5 mg, 25 mg
SMER28	1856	5 mg, 25 mg
Xanthohumol	2258	5 mg, 25 mg

## Autophagy Inhibitors

Product Name	Cat. No.	Size
ATM Kinase Inhibitor, KU-55933	1685	5 mg
Bafilomycin A1	1829	50 µg, 250 µg
Chloroquine Diphosphate	1825	100 mg, 500 mg
EZSolution™ Gö 6976	1785	500 µg
Gö 6976	1711	500 µg
Hydroxychloroquine sulfate	B2051	50 mg, 250 mg
Lys01 trihydrochloride	B2117	5 mg, 25 mg
3-Methyladenine	2249	25 mg, 100 mg
MHY1485	9419	5 mg, 25 mg
SAR-405	B1286	5 mg, 25 mg
Spautin-1	2037	5 mg, 25 mg

## ELISA Kits

Product Name	Cat. No.	Size
MTOR (Human) ELISA Kit	K4179	96 Assays

## Calpains

Calpains are a family of intracellular calcium dependent cysteine proteases involved in apoptosis, cell proliferation and motility. They are ubiquitously expressed in mammals.

## Antibodies

Product Name	Cat. No.	Size
Calpain 1 Antibody	3189	30 µg, 100 µg
Calpain-2 Antibody	3372	30 µl, 100 µl

## Assay Kits

Product Name	Cat. No.	Size
Calpain Activity Fluorometric Assay Kit	K240	100 Assays
Human Calpain 1 Inhibitor Screening Kit (Fluorometric)	K244	100 Assays

## Blocking Peptides

Product Name	Cat. No.	Size
Calpain 11 Blocking Peptide	3189BP	50 µg
Calpain-2 Blocking Peptide	3372BP	50 µg

## Proteins

Product Name	Cat. No.	Size
Active Porcine Calpain 1	1138	100 µg
Active Human Calpain I	1134	100 µg

## Calpain Inhibitors

Product Name	Cat. No.	Size	CAS No.
Aurintricarboxylic acid	1506	1 g	4431-00-9
EZSolution™ Calpain Inhibitor I, ALLN	2544	5 mg	110044-82-1
Calpain Inhibitor I, ALLN	1834	5 mg, 25 mg	110044-82-1
Calpain Inhibitor II, ALLM	1835	5 mg, 25 mg	136632-32-1
DiscoveryPak™ Calpain Inhibitors Set	S228	1 set	N/A
Calpain Inhibitor Z-LLY-FMK	1125	20 µl	133410-84-1
Calpain Inhibitor, Z-LLY-FMK	B1506	250 µg, 1 mg	133410-84-1
MDL 28170	2195	10 mg, 50 mg	88191-84-8
PD 150,606	1906	5 mg, 25 mg	179528-45-1
Penicillide	B1245	250 µg, 1 mg	55303-92-9
Suc-Leu-Leu-Val-Tyr-AMC	1833	5 mg, 25 mg	94367-21-2

## Caspases (Cysteine-aspartic proteases/cysteine aspartases)

Caspases are a family of protease enzymes involved in many biological pathways of programmed cell death like apoptosis, pyroptosis, necroptosis and inflammation.

## Antibodies

Product Name	Cat. No.	Size
Anti-Cleaved-Caspase-1 Antibody	A1004	50 µl
Caspase 1 Antibody	6687	30 µg, 100 µg
Caspase-1 Antibody	3019	30 µg, 100 µg
Caspase-1 Blocking Peptide	3019BP	50 µg
Caspase-2 Antibody	3027	30 µg, 100 µg
Caspase-2 Blocking Peptide	3027BP	50 µg
Caspase-3 (Active) Antibody	3015	30 µg, 100 µg
Caspase-3 Antibody	3138	30 µg, 100 µg
Caspase-3 Antibody (Clone C33)	3004	100 µg
Caspase-3 Blocking Peptide	3138BP	50 µg
Caspase-3 Blocking Peptide	3015BP	50 µg
Caspase-4 Antibody	3028	30 µg, 100 µg
Caspase-4 Blocking Peptide	3028BP	50 µg
Caspase-5 Antibody	3029	30 µg, 100 µg
Caspase-5 Blocking Peptide	3029BP	50 µg
Caspase-6 (Active) Antibody	3156	100 µg
Caspase-6 Antibody	3256	30 µg, 100 µg
Caspase-6 Blocking Peptide	3256BP	50 µg
Caspase-7 (Active) Antibody	3147	30 µg, 100 µg
Caspase-7 Antibody	3135	30 µg, 100 µg
Caspase-7 Antibody (Clone B4-G2)	3010	100 µg
Caspase-7 Blocking Peptide	3135BP	50 µg
Caspase-8 (Active) Antibody	3259	30 µg, 100 µg

Product Name	Cat. No.	Size
Caspase-8 Antibody	3158	30 µg, 100 µg
Caspase-8 Antibody	3020	30 µg, 100 µg
Caspase-8 Antibody (Clone C502S)	3258	100 µg
Caspase-9 (Active) Antibody	3149	100 µg
Caspase-9 Antibody	6670	30 µg, 100 µg
Caspase-9 Antibody	3409	30 µg, 100 µg
Caspase-9 Antibody	3136	30 µg, 100 µg
Caspase-9 Antibody	3016	30 µg, 100 µg
Caspase-9 Blocking Peptide	3409BP	50 µg
Caspase-9 Blocking Peptide	3016BP	50 µg
Caspase-9 Blocking Peptide	3136BP	50 µg
Caspase-10 Antibody	3410	30 µg, 200 µg
Caspase-10 Antibody	6677	30 µg, 100 µg
Caspase-10 Blocking Peptide	3410BP	50 µg
Caspase-11 Antibody	3021	30 µg, 100 µg
Caspase-11 Blocking Peptide	3021BP	50 µg
Caspase-12 Antibody	3282	30 µg, 100 µg
Caspase-12 Blocking Peptide	3282BP	50 µg

## Assay Kits

Product Name	Cat. No.	Size
Caspase-1 (CASP1) (Human) ELISA Kit	E4588	100 Assays
Caspase-1 (CASP1) (Rat) ELISA Kit	E4594	100 Assays
Caspase-1 (Mouse) ELISA Kit	K4180	100 Assays
Caspase-1 Colorimetric Assay Kit	K111	25 Assays, 100 Assays, 200 Assays, 400 Assays
Caspase-1 Fluorometric Assay Kit	K110	25 Assays, 100 Assays, 200 Assays, 400 Assays
Caspase-1 Inhibitor Drug Screening Kit (Fluorometric)	K151	100 Assays
Caspase-2 (CASP2) (Human) ELISA Kit	E4589	100 Assays
Caspase-2 (CASP2) (Rat) ELISA Kit	E4590	100 Assays
Caspase-2 Colorimetric Assay Kit	K117	25 Assays, 100 Assays, 200 Assays, 400 Assays
Caspase-2 Fluorometric Assay Kit	K116	25 Assays, 100 Assays, 200 Assays, 400 Assays
Caspase-2 Inhibitor Drug Screening Kit (Fluorometric)	K152	100 Assays
Caspase-3 (CASP3) (Mouse) ELISA Kit	E4591	100 Assays
Caspase-3 (CASP3) (Mouse) ELISA Kit	E4592	100 Assays
Caspase-3 (CASP3) (Rat) ELISA Kit	K4221	100 Assays
Caspase-3 Colorimetric Assay Kit	K105	25 Assays, 100 Assays, 200 Assays, 400 Assays
Caspase-3 Fluorometric Assay Kit	K153	100 Assays
Caspase-3 (Human) ELISA Kit	K106	25 Assays, 100 Assays, 200 Assays, 400 Assays
CaspSELECT™ Caspase-3 Immunoassay Kit (Fluorometric)	K163	100 Assays
Caspase-4 Colorimetric Assay Kit	K127	25 Assays, 100 Assays, 200 Assays, 400 Assays
Caspase-4 Fluorometric Assay Kit	K126	25 Assays, 100 Assays, 200 Assays, 400 Assays
Caspase-4 Inhibitor Drug Screening Kit (Fluorometric)	K154	100 Assays
Caspase-5 Colorimetric Assay Kit	K123	25 Assays, 100 Assays, 200 Assays, 400 Assays
Caspase-5 Fluorometric Assay Kit	K122	25 Assays, 100 Assays, 200 Assays, 400 Assays
Caspase-5 Inhibitor Drug Screening Kit (Fluorometric)	K155	100 Assays
Caspase-6 Colorimetric Assay Kit	K115	25 Assays, 100 Assays, 200 Assays, 400 Assays
Caspase-6 Fluorometric Assay Kit	K114	25 Assays, 100 Assays, 200 Assays, 400 Assays

Product Name	Cat. No.	Size
Caspase-6 Inhibitor Drug Screening Kit (Fluorometric)	K156	100 Assays
Caspase-7 (Human) ELISA Kit	E4295	100 Assays
CaspSELECT™ Caspase-7 Immunoassay Kit (Fluorometric)	K167	100 Assays
Caspase-7 Inhibitor Drug Screening Kit (Fluorometric)	K157	100 Assays
Caspase-8 (Human) ELISA Kit	E4290	100 Assays
Caspase-8 Colorimetric Assay Kit	K113	25 Assays, 100 Assays, 200 Assays, 400 Assays
Caspase-8 Fluorometric Assay Kit	K112	25 Assays, 100 Assays, 200 Assays, 400 Assays
Caspase-8 Inhibitor Drug Screening Kit (Fluorometric)	K158	100 Assays
Caspase-9 (Human) ELISA Kit	K4165	100 Assays
Caspase-9 Colorimetric Assay Kit	K119	25 Assays, 100 Assays, 200 Assays, 400 Assays
Caspase-9 Fluorometric Assay Kit	K118	25 Assays, 100 Assays, 200 Assays, 400 Assays
Caspase-9 Inhibitor Drug Screening Kit (Fluorometric)	K159	100 Assays
Caspase-10 Colorimetric Assay Kit	K125	25 Assays, 100 Assays, 200 Assays, 400 Assays
Caspase-10 Fluorometric Assay Kit	K124	25 Assays, 100 Assays, 200 Assays, 400 Assays
Caspase-10 Inhibitor Drug Screening Kit (Fluorometric)	K160	100 Assays
CaspGLOW™ Fluorescein Active Caspase-2 Staining Kit	K182	25 Assays, 100 Assays
CaspGLOW™ Fluorescein Active Caspase-3 Staining Kit	K183	25 Assays, 100 Assays
CaspGLOW™ Fluorescein Active Caspase-8 Staining Kit	K188	25 Assays, 100 Assays
CaspGLOW™ Fluorescein Active Caspase-9 Staining Kit	K189	25 Assays, 100 Assays
CaspGLOW™ Red Active Caspase-3 Staining Kit	K193	25 Assays, 100 Assays
CaspGLOW™ Red Active Caspase-8 Staining Kit	K198	25 Assays, 100 Assays
CaspGLOW™ Red Active Caspase-9 Staining Kit	K199	25 Assays, 100 Assays

## Enzymes

Product Name	Cat. No.	Size
Active Caspase-1, rat recombinant	7524	25 units, 100 units
Active Human Caspases Group I, Active Human	K241	3 x 25 units
Active Human Caspases Set I	K230	4 x 25 units
Active Human Caspases Set II	K231	4 x 25 units
Active Human Caspases Set III	K232	8 x 25 units
Active Human Caspases Set IV	K233	10 x 25 units
Caspase-1, human recombinant	1081	25 units, 100 units
Caspase-1, mouse recombinant	1181	25 units, 100 units
Caspase-2, human recombinant	1082	25 units, 100 units
Caspase-3 Proform, mouse recombinant	1183P	5 µg
Caspase-3, human recombinant	1083	5 µg, 10 µg, 25 units, 100 units
Caspase-3, mouse recombinant	1183	25 units, 100 units
Caspase-3, rat recombinant	1283	25 units, 100 units
Caspase-4, human recombinant	1084	25 units, 100 units
Caspase-5, human recombinant	1085	25 units, 100 units
Caspase-6, human recombinant	1086	25 units, 100 units
Caspase-7, human recombinant	1087	25 units, 100 units
Caspase-8, human recombinant	1088	25 units, 100 units
Caspase-8, mouse recombinant	1188	25 units, 100 units
Caspase-9 Proform, human recombinant	1089P	50 µg
Caspase-9, human recombinant	1089	25 units, 100 units
Caspase-10/a, human recombinant	1090A	25 units, 100 units
Caspase-10/b, human recombinant	1090B	25 units, 100 units

Product Name	Cat. No.	Size
Caspases Group II, Active Human	K242	3 x 25 units
Caspases Group III, Active Human	K243	4 x 25 units

## Caspase Inhibitors

Product Name	Cat. No.	Size
Biotin-IETD-FMK	1121	20 µl (10 mM)
Biotin-VDVAD-FMK	1032	20 µl
Caspase Family Inhibitor Set	K107	5 x 25 µl
Caspase Family Inhibitor Set II	K108	7 x 25 µl
Caspase Family Inhibitor Set III	K210	8 x 25 µl
Caspase Family Inhibitor Set IV	K220	12 x 25 µl
Caspase Inhibitor Boc-D-FMK	1120	20 µl (10 mM)
Caspase-1 Inhibitor Z-YVAD-FMK	1012	20 µl (10 mM), 100 µl (2 mM)
Caspase-10 Inhibitor AEVD-FMK	1112	20 µl (10 mM), 100 µl (2 mM)
Caspase-12 Inhibitor Z-ATAD-FMK	1079	20 µl (10 mM), 100 µl (2 mM)
Caspase-13 Inhibitor LEED-FMK	1115	20 µl (10 mM), 100 µl (2 mM)
Caspase-2 Inhibitor Z-VDVAD-FMK	1073	20 µl (10 mM), 100 µl (2 mM)
Caspase-3 Inhibitor Q-DEVD-Oph	1175	1 mg, 3 mg, 5 mg
Caspase-3 Inhibitor Z-DEVD-FMK	1009	20 µl (10 mM), 100 µl (2 mM)
Caspase-4 Inhibitor Z-LEVD-FMK	1108	20 µl (10 mM), 100 µl (2 mM)
Caspase-5 Inhibitor Z-WEHD-FMK	1100	20 µl (10 mM), 100 µl (2 mM)
Caspase-6 Inhibitor Z-VEID-FMK	1011	20 µl (10 mM), 100 µl (2 mM)
Caspase-8 Inhibitor Z-IETD-FMK	1064	20 µl (10 mM), 100 µl (2 mM)
Caspase-9 Inhibitor Z-LEHD-FMK	1074	20 µl (10 mM), 100 µl (2 mM)
Caspase-Family Inhibitor Z-VAD-FMK	1010	20 µl (10 mM), 100 µl (2 mM)
Q-VD-Oph	1170	1 mg, 3 mg, 5 mg
QVD-Oph Negative Control	1171	1 mg, 3 mg, 5 mg
Z-DEVD-FMK	1143	1 mg, 5 mg
Z-IETD-FMK	1148	1 mg, 5 mg
Z-LEVD-FMK	1144	1 mg, 5 mg
Z-VAD-FMK	1140	1 mg, 5 mg
Z-VDVAD-FMK	1142	1 mg, 5 mg
Z-VEID-FMK	1146	1 mg, 5 mg
Z-YVAD-FMK	1141	1 mg, 5 mg

## Staining Kits

Product Name	Cat. No.	Size
CaspGLOW™ Fluorescein Active Caspase Staining Kit	K180	25 Assays, 100 Assays
CaspGLOW™ Red Active Caspase Staining Kit	K190	25 Assays, 100 Assays

## Standards

Product Name	Cat. No.	Size
AFC (7-amino-4-trifluoromethyl-coumarin)	1077	100 mg
pNA (p-nitroaniline)	1078	100 mg

## Caspase Substrates

Product Name	Cat. No.	Size
Ac-WEHD-AFC	B2214	5 mg, 25 mg
Caspase Colorimetric Substrate Set	K132	7 x 25 Assays
Caspase Colorimetric Substrate Set II	K134	9 x 25 Assays
Caspase Colorimetric Substrate Set II Plus	K138	9 x 25 Assays

Product Name	Cat. No.	Size
Caspase Colorimetric Substrate Set Plus	K136	7 x 25 Assays
Caspase Fluorometric Substrate Set	K131	7 x 25 Assays
Caspase Fluorometric Substrate Set II	K133	9 x 25 Assays
Caspase Fluorometric Substrate Set II Plus	K137	9 x 25 Assays
Caspase Fluorometric Substrate Set Plus	K135	7 x 25 Assays
Caspase-1 Substrate YVAD-AFC	1103	200 Assays, 1000 Assays
Caspase-1 Substrate YVAD-Pna	1104	200 Assays, 1000 Assays
Caspase-2 Substrate VDVAD-AFC	1071	200 Assays, 1000 Assays
Caspase-2 Substrate VDVAD-Pna	1072	200 Assays, 1000 Assays
Caspase-3 Substrate DEVD-AFC	1007	200 Assays, 1000 Assays
Caspase-3 Substrate DEVD-pNA	1008	200 Assays, 1000 Assays
Caspase-4 Substrate LEVD-AFC	1109	200 Assays, 1000 Assays
Caspase-4 Substrate LEVD-Pna	1110	200 Assays, 1000 Assays
Caspase-5 Substrate WEHD-AFC	1101	200 Assays, 1000 Assays
Caspase-5 Substrate WEHD-Pna	1102	200 Assays, 1000 Assays
Caspase-6 Substrate VEID-AFC	1069	200 Assays, 1000 Assays
Caspase-6 Substrate VEID-Pna	1070	200 Assays, 1000 Assays
Caspase-8 Substrate IETD-AFC	1062	200 Assays, 1000 Assays
Caspase-8 Substrate IETD-pNA	1063	200 Assays, 1000 Assays
Caspase-9 Substrate LEHD-AFC	1075	200 Assays, 1000 Assays
Caspase-9 Substrate LEHD-Pna	1076	200 Assays, 1000 Assays
Caspase-10 Substrate AEVD-AFC	1113	200 Assays, 1000 Assays
Caspase-10 Substrate AEVD-Pna	1114	200 Assays, 1000 Assays
Caspase-12 Substrate ATAD-AFC	1117	200 Assays, 1000 Assays
Caspase-13 Substrate LEED-AFC	1116	200 Assays, 1000 Assays

## Vectors

Product Name	Cat. No.	Size
pGB Caspase-1 siRNA Vector	9501	20 µg, 60 µg
pGB Caspase-3 siRNA Vector	9503	20 µg, 60 µg
pGB Caspase-8 siRNA Vector	9508	20 µg, 60 µg
pGB Caspase-9 siRNA Vector	9509	20 µg, 60 µg

## Cathepsins

Cathepsins are proteases that degrade proteins and are active at very low pH. Cysteine cathepsins (cathepsin B, C, F, H, K, L, O, S, W & Z) are involved at various levels in the processes of innate and adaptive immune system. Serine proteases, (cathepsins A & G), aspartic proteases (cathepsin D & E).

## Antibodies

Product Name	Cat. No.	Size
Anti-Cathepsin D Antibody	A1587	30 µg, 100 µg
Anti-Cathepsin H Antibody	A1250	100 µl
Anti-Cathepsin S Antibody	A1618	100 µl
Anti-Cystatin C Antibody (02H06)	A1378	100 µg
Anti-Cystatin C Antibody (03A03)	A1377	100 µg

Product Name	Cat. No.	Size
Anti-Cystatin C Antibody (10B12)	A1379	100 µg
Anti-Rat Cystatin C Antibody (2C2)	A1023	100 µg
Cathepsin B Antibody	3190	30 µg, 100 µg
Cathepsin B Blocking Peptide	3190BP	50 µg
Cathepsin D Antibody	3191R	30 µg, 100 µg
Cathepsin D Blocking Peptide	3191RBP	50 µg
Cathepsin F Antibody	3371	30 µl, 100 µl
Cathepsin F Blocking Peptide	3371BP	50 µg
Cathepsin G Antibody	3370	200 µl
Cathepsin K Antibody	3368	30 µg, 100 µg
Cathepsin K Antibody	3588	30 µg, 100 µg
Cathepsin K Blocking Peptide	3588BP	50 µg
Cathepsin K Blocking Peptide	3368BP	50 µg
Cathepsin L (Cleaved) Antibody	3741	30 µg, 100 µg
Cathepsin L (Cleaved) Blocking Peptide	3741BP	50 µg
Cathepsin L Antibody	3192	30 µg, 100 µg
Cathepsin L Antibody	6669	30 µg, 100 µg
Cathepsin L Blocking Peptide	319RBP	50 µg
Cathepsin S Antibody	3366	100 µg
Cathepsin S Antibody	6686	30 µg, 100 µg
Cathepsin S Antibody	3366R	30 µg
Cathepsin S Blocking Peptide	3366RBP	50 µg
Cathepsin V Antibody	3712	30 µg, 100 µg
Cathepsin V Antibody (Clone BV55-1)	3411	100 µg
Cathepsin V Blocking Peptide	3712BP	50 µg
Cathepsin W Antibody (Clone BV39-2B)	3412	100 µg
Cystatin B Antibody (Clone RJMW2E7)	3487	100 µg
Granzyme A Antibody	6683	30 µg, 100 µg
Granzyme B Monoclonal Antibody	3173	100 µg
Procathepsin B Antibody	6679	30 µg, 100 µg
Procathepsin K Antibody	6661	30 µl, 100 µl
Procathepsin K Antibody	6647	30 µg, 100 µg
Procathepsin K Antibody	6667	30 µg, 100 µg

## Assay Kits

Product Name	Cat. No.	Size
Cathepsin B (CTSB) Inhibitor Screening Kit (Fluorometric)	K147	100 Assays
Cathepsin B Activity Fluorometric Assay Kit	K140	100 Assays
Cathepsin D Activity Fluorometric Assay Kit	K143	100 Assays
Cathepsin D Inhibitor Screening Kit (Fluorometric)	K148	100 Assays
Cathepsin E Activity Assay Kit (Fluorometric)	K165	100 Assays
Cathepsin E Inhibitor Screening Kit (Fluorometric)	K166	100 Assays
Cathepsin G Activity Colorimetric Assay Kit	K146	100 Assays
Cathepsin G Inhibitor Screening Kit (Colorimetric)	K162	100 Assays
Cathepsin H Activity Fluorometric Assay Kit	K145	100 Assays
Cathepsin H Inhibitor Screening Kit (Fluorometric)	K164	100 Assays
Cathepsin K Activity Fluorometric Assay Kit	K141	100 Assays
Cathepsin K Inhibitor Screening Kit (Fluorometric)	K150	100 Assays
Cathepsin L Activity Fluorometric Assay Kit	K142	100 Assays
Cathepsin L Inhibitor Screening Kit (Fluorometric)	K161	100 Assays
Cathepsin S Activity Fluorometric Assay Kit	K144	100 Assays
Cathepsin S Inhibitor Screening Kit (Fluorometric)	K149	100 Assays

## ELISA Kits

Product Name	Cat. No.	Size
Cathepsin B (human) ELISA Kit	K7408	96 Assays
Cathepsin B (mouse) ELISA Kit	K7407	96 Assays
Cathepsin D (human) ELISA Kit	K7409	96 Assays
Cathepsin D (mouse) ELISA Kit	K7410	96 Assays
Cathepsin K (CTSK)(Human) ELISA Kit	E4620	96 Assays

Product Name	Cat. No.	Size
Cathepsin K (CTSK)(Mouse) ELISA Kit	E4621	96 Assays
Cathepsin K (CTSK)(Rat) ELISA Kit	E4622	96 Assays
Cathepsin S (human) ELISA Kit	E7277	96 Assays

## Proteins

Product Name	Cat. No.	Size
Active Cathepsin B, human recombinant	7580	5 µg, 50 µg, 1 mg
Active Cathepsin D, Human Recombinant	9229	10 µg, 50 µg, 500 µg
Active Cathepsin S, human recombinant	7526	10 µg, 50 µg, 500 µg
Alpha 1 Antichymotrypsin, Human Plasma	7293	100 µg
Azurocidin, Human Neutrophil (Cationic protein 37)	7287	100 µg
Cathepsin A, mouse recombinant	P1037	10 µg, 50 µg
Cathepsin B (active, human)	1021	5 µg
Human CellExp™ Cathepsin B, human recombinant	7408	10 µg
Cathepsin B, mouse recombinant	P1095	10 µg
Cathepsin D (active, human)	1022	5 µg
Human CellExp™ Cathepsin D, human recombinant	7409	10 µg
Cathepsin F, human recombinant	9232	10 µg, 50 µg
Cathepsin G, Human Neutrophil	4713	100 µg
Cathepsin H (active, human)	1023	5 µg
Cathepsin K, Active, human recombinant	7600	5 µg, 50 µg
Cathepsin K, Active, mouse recombinant	7597	5 µg, 50 µg
Cathepsin K, Active, rat recombinant	7598	5 µg, 50 µg
Human CellExp™ Cathepsin L1, human recombinant	7410	10 µg
Cathepsin L, human recombinant	1135	5 µg, 100 µg, 1 mg
Human CellExp™ Cathepsin S, human recombinant	7277	10 µg, 50 µg
Cathepsin Z, mouse recombinant	9233	10 µg, 25 µg
CST6, human recombinant	9234	10 µg, 50 µg
Granzyme B, human recombinant (Insect)	4728	5 µg
Granzyme B, Mouse recombinant (Insect)	7608	5 µg
Human CellExp™ MMP-3, Human Recombinant	P1310	10 µg
Human CellExp™ SERPIN A3, human recombinant	7419	10 µg
Procathepsin B, Human Recombinant	7579	10 µg, 50 µg, 1 mg
Procathepsin E/ Cathepsin E, human recombinant	7842	50 µg, 500 µg
Procathepsin K, human recombinant	1026	10 µg, 50 µg, 1 mg
Procathepsin K, mouse recombinant	1027	10 µg, 50 µg, 1 mg
Procathepsin K, rat recombinant	1029	10 µg, 50 µg, 1 mg
Procathepsin L, Human Recombinant	7581	5 µg, 100 µg, 1 mg
Procathepsin S, human recombinant	7525	10 µg, 50 µg, 500 µg

## Cathepsin Substrates & Inhibitors

Product Name	Cat. No.	Size	CAS No.
Antipain dihydrochloride	2834	5 mg, 25 mg	37682-72-7
Balicatib	2596	5 mg, 25 mg	354813-19-7
EZSolution™ Calpain Inhibitor I, ALLN	2544	5 mg	110044-82-1
Calpain Inhibitor I, ALLN	1834	5 mg, 25 mg	110044-82-1
Calpain Inhibitor II, ALLM	1835	5 mg, 25 mg	136632-32-1
Calpain Inhibitor Z-LLY-FMK	1125	20 µl (10 mM)	133410-84-1
Calpain Inhibitor, Z-LLY-FMK	B1506	250 µg, 1 mg	133410-84-1
Cathepsin B&L Inhibitor Z-Phe-Phe-FMK	1126	20 µl (10 mM)	N/A
Cathepsin G Inhibitor	1982	1 mg	429676-93-7
Cathepsin G Substrate, Colorimetric	2206	5 mg, 25 mg	70967-91-8
Cathepsin Substrate, Fluorogenic	B2043	5 mg, 25 mg	N/A
Leupeptin, hemisulfate (Microbial)	1648	25 mg, 50 mg, 100 mg	103476-89-7
LY2886721	2299	25 mg, 50 mg	1262036-50-9

Product Name	Cat. No.	Size	CAS No.
Mca-RPPGFSAFK(Dnp)	B1132	500 µg, 1 mg	N/A
MDL 28170	2195	10 mg, 50 mg	88191-84-8
Odanacatib	B1617	5 mg, 25 mg	603139-19-1
Pepstatin A	1732	25 mg, 100 mg	26305-03-3
Sivelestat	B2144	5 mg, 25 mg	127373-66-4
Tanshinone IIA-Sulfonic Sodium	B1902	5 mg, 25 mg	69659-80-9
Z-FA-FMK	1986	1 mg, 5 mg	105637-38-5

## Class-3 HDAC Sirtuins

Sirtuins belongs to the class 3 histone deacetylases are family of proteins that are not modulated by the inhibitors of class 1, 2 & 4 HDACs. They are regulators of metabolism and other cellular processes.

### Antibodies

Product Name	Cat. No.	Size
Anti-SIRT7 Antibody	A1457	30 µg, 100 µg
SIRT1 Antibody	6137	100 µg
SIRT2 Antibody	6138	100 µg
SIRT3 Antibody	3223	30 µg, 100 µg
SIRT4 Antibody	3224	30 µg, 100 µg
SIRT5 antibody	3225	30 µg, 100 µg
SIRT6 Antibody	6692	30 µg, 100 µg
SIRT7 Antibody	6107	50 µg
SIRT7 antibody	3099	30 µg, 100 µg

### Assay Kits

Product Name	Cat. No.	Size
SIRT2 Inhibitor Screening Assay Kit (Fluorometric)	K322	100 Assays
SIRT6 Inhibitor Screening Kit (Fluorometric)	K323	100 Assays
Sirtuin Activity Assay Kit (Fluorometric)	K324	100 Assays

### ELISA Kits

Product Name	Cat. No.	Size
Sirtuin 1 (human intracellular) ELISA Kit	K4923	96 Assays
Sirtuin 2 (human intracellular) ELISA Kit	K4924	96 Assays

### Proteins

Product Name	Cat. No.	Size
Active SIRT2, human recombinant	7698	10 µg, 50 µg, 1 mg
Active SIRT6 (GST-tagged), human recombinant	7697	20 µg, 100 µg, 1 mg
Active SIRT6 (His-tagged), human recombinant	7699	20 µg, 100 µg, 1 mg
Active SIRT7, human recombinant	7846	10 µg, 50 µg
SIRT1 (193-747 aa) (GST-tagged), Human recombinant	7264	25 units, 50 units
SIRT4 (GST-tagged), Human recombinant	7673	20 µg, 50 µg
SIRT5 (GST-tagged), Human recombinant	7674	20 µg, 50 µg
SIRT7 (2-400 aa) (His-tagged), Human recombinant	7675	20 µg, 50 µg
Sirtuin 2, human recombinant	7632	20 µg, 100 µg, 1 mg
Sirtuin 6, human recombinant	7578	10 µg

### Inhibitors

Product Name	Cat. No.	Size	CAS No.
BML-278	2379	5 mg, 25 mg	N/A
Cambinol	1653	10 mg	14513-15-6
Inauhzin	9555	5 mg, 25 mg	309271-94-1
Resveratrol	1758	100 mg, 500 mg	501-36-0
Salemide	1873	5 mg, 25 mg	1105698-15-4
SIRT1 Inhibitor, EX-527	1652	10 mg	49843-98-3
SIRT2 Inhibitor	1857	5 mg, 25 mg	420831-40-9
SIRT2 Inhibitor, AGK2	1651	10 mg	304896-28-4

Product Name	Cat. No.	Size	CAS No.
SIRT2 Inhibitor, B2	2085	5 mg	115687-05-3
Sirtinol	2062	1 mg, 5 mg	410536-97-9
Suramin Hexasodium Salt	1874	50 mg, 250 mg	129-46-4

## Dopamine Transporters

Dopamine transporters are membrane spanning proteins pumping the dopamine neurotransmitter out of the synaptic cleft and back into cytosol. They are known to control spatial and temporal dynamics of dopamine.

### Antibodies

Product Name	Cat. No.	Size
GDNF Antibody	5098	30 µg, 100 µg
GDNF Antibody	5198	30 µg, 100 µg
LMX1B Antibody (CT)	5302	100 µg
Phospho (Ser19) Tyrosine Hydroxylase Antibody	3612	100 µl
Phospho (Ser31) Tyrosine Hydroxylase Antibody	3613	100 µl
Phospho Alpha-synuclein (Tyr125) Antibody	A1219	100 µl
Phospho-Tyrosine Hydroxylase Antibody	3649	100 µl
Tyrosine Hydroxylase Antibody	3615	100 µl

### Assay Kits

Product Name	Cat. No.	Size
PicoProbe™ Hypoxanthine Phosphoribosyl Transferase Activity Assay Kit (Fluorometric)	K478	100 Assays
Monoamine Oxidase Activity (Total MAO/MAO-A/MAO-B) Fluorometric Assay Kit	K795	100 Assays

### ELISA Kits

Product Name	Cat. No.	Size
QuickDetect™ Catecholamine (CA) (Human) ELISA Kit	E4461	96 Assays
QuickDetect™ Catecholamine (CA) (Mouse) ELISA Kit	E4462	96 Assays
QuickDetect™ Catecholamine (CA) (Rat) ELISA Kit	E4463	96 Assays
Dopamine (DA) ELISA Kit	K4219	96 Assays
GDNF (Human) ELISA Kit	K4184	96 Assays

### Proteins

Product Name	Cat. No.	Size
CDNF, Human Recombinant	7127	10 µg, 50 µg
GDNF, human recombinant	4097	10 µg, 50 µg, 1 mg
GDNF, murine recombinant	7156	10 µg, 50 µg
GDNF, rat recombinant	7157	10 µg, 50 µg

### Biochemicals

Product Name	Cat. No.	Size	CAS No.
Apomorphine Hydrochloride Hemihydrate	B1541	50 mg, 250 mg	41372-20-7
Aripiprazole	B1186	10 mg, 50 mg	129722-12-9
Bromocryptine (mesylate)	2916	50 mg, 250 mg	22260-51-1
Chlorpromazine Hydrochloride	B1992	100 mg, 500 mg	69-09-0
GBR-12935	B1998	10 mg, 50 mg	76778-22-8
Pimozide	1887	50 mg, 250 mg	2062-78-4
Safinamide	B2022	10 mg, 50 mg	133865-89-1
Thioridazine Hydrochloride	B1581	1 g, 5 g	130-61-0
Triflupromazine hydrochloride	B1993	100 mg, 500 mg	1098-60-8
WAY-100635 hydrochloride	B2272	5 mg, 25 mg	146714-97-8

## D<sub>1</sub> Receptors

D<sub>1</sub> receptors fall under the class G protein coupled receptors of dopamine family. They have distinct roles in motor activity and striatal synaptic plasticity. They are found everywhere in brain and body.

## Proteins

Product Name	Cat. No.	Size
Human CellExp™ CD155, human recombinant	7462	10 µg, 50 µg
Human CellExp™ CD4, human recombinant	7834	20 µg, 100 µg
Human CellExp™ CXADR /CAR, human recombinant	7441	10 µg, 50 µg

## Biochemicals

Product Name	Cat. No.	Size	CAS No.
Triflupromazine hydrochloride	B1993	100 mg, 500 mg	1098-60-8

## D<sub>2</sub> Receptors

D<sub>2</sub> Receptors belong to 7 membered G-protein coupled receptor activating alpha subunits leading to inhibition of cAMP synthesis.

## Antibodies

Product Name	Cat. No.	Size
Anti-CRTH2 Antibody	A1064	50 µg

## Proteins

Product Name	Cat. No.	Size
Human CellExp™ CD155, human recombinant	7462	10 µg, 50 µg
Human CellExp™ CD4, human recombinant	7834	20 µg, 100 µg

## Biochemicals

Product Name	Cat. No.	Size	CAS No.
Aripiprazole	B1186	10 mg, 50 mg	129722-12-9
Bromocryptine (mesylate)	2916	50 mg, 250 mg	22260-51-1
Chlorpromazine Hydrochloride	B1992	100 mg, 500 mg	69-09-0
Fevipiprant	B1588	5 mg, 25 mg	872365-14-5
Pimozide	1887	50 mg, 250 mg	2062-78-4
Triflupromazine hydrochloride	B1993	100 mg, 500 mg	1098-60-8

## Dynamin

Dynamin belongs to the family of dynamin-like proteins, is a GTPase involved in a process of cutting nascent vesicles from parent membranes. It is responsible for endocytosis in eukaryotes.

## Biochemicals

Product Name	Cat. No.	Size	CAS No.
Dynasore	1900	5 mg, 25 mg	304448-55-3
Mdivi -1	2441	5 mg, 25 mg	338967-87-6

## ERK

Extracellular signal-regulated kinases (ERK) belong to the mitogen-activated protein kinase family. This ERK cascade transmits signals from many outside agents and regulates processes such as proliferation, differentiation and cell cycle progression.

## Antibodies

Product Name	Cat. No.	Size
Anti-Phospho-ERK1/2 (Thr202/Tyr204) Antibody	A1589	100 µg
Erk2 Antibody	3442	100 µg
Erk5 Antibody	3397	100 µg
Phospho-Erk1/2 Antibody	3441	100 µg
Phospho-JKK1/SEK1/MKK4 Antibody	3478	100 µg
Phospho-MSK1 Antibody	3278	100 µg
Anti-PEA15 Antibody	A1175	100 µl
Mek1/2 Antibody	3518	100 µl
Phospho-Mek1/2 Antibody	3519	100 µl
TRIB1 Antibody	6967	100 µl
JIP-1 Antibody	3664	30 µg, 100 µg
p44/42 MAPK (Erk1/2) Antibody	3085R	30 µg, 100 µg

## Assay Kits

Product Name	Cat. No.	Size
Phospho-ERK1/2 (Thr202/Tyr204) Translocation Assay Kit (Cell-Based)	K696	50 Assays

## ELISA Kits

Product Name	Cat. No.	Size
ERK (Human) ELISA Kit	E4317	96 Assays
ERK1 (Human) ELISA Kit	E4314	96 Assays
ERK2 (Human) ELISA Kit	E4315	96 Assays
QuickDetect™ TRAF6 (Human) ELISA Kit	E4417	96 Assays

## Proteins

Product Name	Cat. No.	Size
ERK1, Active	7741	5 µg
ULBP2, human recombinant	7334	100 µg

## Inhibitors

Product Name	Cat. No.	Size	CAS No.
BAY 43-9006	1594	25 mg, 100 mg	475207-59-1
Busulfan	B1063	1 g, 5 g	55-98-1
CEP-32496	9615	5 mg, 25 mg	1188910-76-0
DEL-22379	B1680	5 mg, 25 mg	181223-80-3
GSK-2118436 mesylate	2800	5 mg, 25 mg	1195768-06-9
Imperatorin	2318	5 mg, 25 mg	482-44-0
MEK-162	2254	5 mg, 25 mg	606143-89-9
Norquetiapine dihydrochloride	2362	50 mg, 250 mg	111974-74-4
NT-157	B2087	1 mg, 5 mg	1384426-12-3
PD-0325901	1643	2 mg, 5 mg, 25 mg	391210-10-9
SU 1498	1836	1 mg, 5 mg	N/A
VX-11e	B1681	5 mg, 25 mg	896720-20-0

## Ferroptosis

Ferroptosis is a type of iron dependent programmed cell death after the loss of glutathione peroxidases activity. It features accumulation of lipid peroxides and is clearly distinguishable from other forms of regulated cell death.

## Biochemicals

Product Name	Cat. No.	Size	CAS No.
Erastin	2231	1 mg, 5 mg	571203-78-6
EZSolution™ Erastin	B1502	1 mg	571203-78-6
Ferrostatin-1	2230	5 mg, 25 mg	347174-05-4

## Glutamate Transporters

Glutamate (EAAT) Transporters are composed of EAAT (excitatory amino acid transporter) family and VGLUT (Vesicular glutamate transporter) family. L-glutamate is considered as main excitatory neurotransmitter in CNS and their concentrations in the brain are regulated by EAAT sodium and potassium dependent transporters.

## Biochemicals

Product Name	Cat. No.	Size	CAS No.
Evans Blue Tetrasodium	2586	1 g	314-13-6
Rose bengal	2587	100 mg, 500 mg	632-69-9

## Glutamate Receptors (Metabotropic)

Glutamate (Metabotropic) Receptors or mGluRs are active through an indirect metabotropic process. They belong to a family of C-group of G-protein coupled receptors.

## Inhibitors

Product Name	Cat. No.	Size	CAS No.
ADX-47273	9562	10 mg, 50 mg	851881-60-2
Lamotrigine	B1234	10 mg, 50 mg	84057-84-1

Product Name	Cat. No.	Size	CAS No.
LuAF21934	B1302	5 mg, 25 mg	1445605-23-1
LY-341495	2875	1 mg, 5 mg	201943-63-7
MPEP hydrochloride	B1151	10 mg, 50 mg	219911-35-0
VU 0364439	2815	5 mg, 25 mg	1246086-78-1
VU0155041	B1299	5 mg, 25 mg	1093757-42-6
VU0361737	9418	5 mg, 25 mg	1161205-04-4

## HSP (Heat Shock Proteins)

Heat shock proteins (HSP) are a family of proteins that are produced by cells under stressful conditions. They are known as molecular chaperones as they stabilize new proteins to ensure correct folding and also help to refold the proteins damaged by the cellular stress.

### Antibodies

Product Name	Cat. No.	Size
Hsp27 Antibody	3092	100 µg
Hsp70 Antibody (Clone S5)	3096	100 µg
Hsp90 Antibody (Clone S88)	3098	100 µg
Phospho-MAPKAPK-2 Antibody	3434	100 µg
Anti-GRP78/BiP Antibody (9E4-2A7-H6)	A1333	100 µg
Hsc70 Antibody	3095	30 µg, 100 µg
Hsp105 Antibody	3390	30 µg, 100 µg
Hsp27 Antibody	3093	30 µg, 100 µg
Hsp47 Antibody	3496	30 µg, 100 µg
Hsp60 Antibody	3094R	30 µg, 100 µg
Hsp70 Antibody	3097	30 µg, 100 µg
HSP70 antibody	5859	30 µg, 100 µg
Hsp90 Antibody	3389	30 µg, 100 µg
MAPKAPK-2 Antibody	3100	30 µg, 100 µg
LOX-1 Antibody	3659R	30 µg, 100 µg
HSP90 Antibody	5858	30 µg, 200 µg

### Blocking Peptides

Product Name	Cat. No.	Size
Hsp105 Blocking Peptide	3390BP	50 µg
Hsp27 Blocking Peptide	3093BP	50 µg
Hsp47 Blocking Peptide	3496BP	50 µg
Hsp60 Blocking Peptide	3094RBP	50 µg
Hsp70 Blocking Peptide	3097BP	50 µg
Hsp90 Blocking Peptide	3389BP	50 µg
MAPKAPK-2 Blocking Peptide	3100BP	50 µg

### Miscellaneous

Product Name	Cat. No.	Size
pGB Hsp90 siRNA Vector Mix	9518	20 µg, 60 µg
Bovine Serum Albumin – Heat Shock, Diagnostic Grade, pH 7.0	7918	5 g, 25 g, 100 g
Bovine Serum Albumin – Heat Shock, Fatty Acid Free, pH 7.0	7921	5 g, 25 g, 100 g
Bovine Serum Albumin – Heat Shock, Low Endotoxin, pH 7.0	7922	5 g, 25 g, 100 g
Bovine Serum Albumin – Heat Shock, Protease DNASE Free, pH 7.0	7920	5 g, 25 g, 100 g
Bovine Serum Albumin – Heat Shock, Protease Free, pH 7.0	7919	5 g, 25 g, 100 g
Bovine Serum Albumin – Heat Shock, Reagent Grade, pH 7.0	7917	5 g, 25 g, 100 g
Bovine Serum Albumin – Heat Shock, Standard Grade, pH 5.2	7916	5 g, 25 g, 100 g
Bovine Serum Albumin – Heat Shock, Standard Grade, pH 7.0	7915	5 g, 25 g, 100 g

### Proteins

Product Name	Cat. No.	Size
Heat Shock Protein 20, human recombinant	4847	10 µg

Product Name	Cat. No.	Size
Heat Shock Protein 22, human recombinant	4850	10 µg
Heat Shock Protein 65, mycobacterium recombinant	4856	10 µg
TNF Receptor-Associated Protein 1 (TRAP1), human recombinant	7778	10 µg
IL-24, human recombinant	4975	10 µg, 100 µg, 1 mg
Heat Shock Protein 27, human recombinant	4853	10 µg, 50 µg, 1 mg
KLRK1, human recombinant	7356	100 µg
HDJ1, human recombinant	4899	25 µg
HSBP1, human recombinant	4906	25 µg
Heat Shock Protein 70, human recombinant	4859	25 µg, 100 µg, 1 mg
Heat Shock Protein 90 (Hsp90 beta) NT-His Tag, human recombinant	4858H	25 µg, 100 µg, 1 mg
Heat Shock Protein 90 (Hsp90), human recombinant	4858	25 µg, 100 µg, 1 mg
MAPKAPK2, Active	7737	5 µg
PKCepsilon, Active	7753	5 µg

### Inhibitors

Product Name	Cat. No.	Size	CAS No.
17-AAG	1774	1 mg, 5 mg	75747-14-7
AT-13387	B1961	5 mg, 25 mg	912999-49-6
Canertinib (CI-1033, PD-183805)	1617	5 mg, 50 mg	289499-45-2
CUDC-305	9653	1 mg, 5 mg	1061318-81-7
Ganetespib (STA-9090)	9459	5 mg, 25 mg	888216-25-9
Geldanamycin	1564	1 mg, 5 mg	30562-34-6
KRIBB11	B1567	5 mg, 25 mg	342639-96-7
NVP-AUY922	1591	1 mg, 5 mg	747412-49-3
PU-H71 (Not Available for Sale in the U.S.)	9649	10 mg, 50 mg	873436-91-0
Radicicol	B1533	1 mg, 5 mg	12772-57-5
Skepinone-L	B1110	1 mg, 5 mg	1221485-83-1
XL888	2654	1 mg, 5 mg	1149705-71-4

## HAT (Histone acetyl transferases)

Histone acetyl transferases (HATs) belong to a huge family of proteins that acetylates lysine residues on histone proteins with acetyl CoA. Any dysregulation in expression of HATs and its activity leads to neurodegeneration and cancer.

### Antibodies

Product Name	Cat. No.	Size
HAT-1 Antibody	3689	30 µg, 100 µg
HAT-2 Antibody	3692	30 µg, 100 µg
HAT-3 Antibody	3707	30 µg, 100 µg
PCAF Antibody	6675	30 µg, 100 µg
PCAF Antibody (CT)	6763	100 µl
PCAF Antibody (NT)	6762	100 µl
TIP60 Antibody	6126	50 µg
TIP60 Antibody	6634	50 µg

### Assay Kits

Product Name	Cat. No.	Size
HAT (H4) Activity Fluorometric Assay Kit	K336	100 Assays
HAT Activity Colorimetric Assay Kit	K332	100 Assays
HAT Activity Fluorometric Assay Kit	K334	100 Assays
pCAF Inhibitor Screening Kit (Fluorometric)	K345	100 Assays

### Blocking Peptides

Product Name	Cat. No.	Size
HAT-1 Blocking Peptide	3689BP	50 µg
HAT-2 Blocking Peptide	3692BP	50 µg



## Proteins

Product Name	Cat. No.	Size
PCAF, mouse recombinant	7556	10 µg

## HAT Inhibitors

Product Name	Cat. No.	Size	CAS No.
Anacardic Acid	1849	5 mg, 25 mg	16611-84-0
C646, p300/CBP Inhibitor	1948	1 mg, 5 mg	328968-36-1
Curcumin, Curcuma longa (High Purity)	1850	10 mg, 50 mg	458-37-7
DiscoveryPak™ Epigenetic Modulators Set I	K879	10 Modulators	N/A
DiscoveryPak™ Epigenetic Modulators Set II	K880	10 Modulators	N/A
Garcinol	2088	5 mg, 25 mg	78824-30-3
HAT Activator, CTPB	2086	1 mg, 5 mg	586976-24-1
MOZ-IN-3	B2245	5 mg, 25 mg	2055397-18-5

## HDAC (Histone Deacetylases)

Histone Deacetylases or HDACs are from large family of enzymes and play crucial for many biological processes. They remove acetyl group from proteins on DNA thus making the DNA less prone to transcription factors.

## Antibodies

Product Name	Cat. No.	Size
Anti-HDAC6 Monoclonal Antibody (D1 domain-specific)	A1485	100 µg
Anti-HDAC6 Monoclonal Antibody (D1 domain-specific)	A1486	100 µg
Anti-HDAC6 Monoclonal Antibody (D2 domain-specific)	A1487	100 µg
Anti-HDAC6 Monoclonal Antibody (SE domain-specific)	A1488	100 µg
Anti-HDAC6 Monoclonal Antibody (ZnF domain-specific)	A1489	100 µg
DMAP1 Antibody	3715	30 µg, 100 µg
HDAC Family Antibody Set	K333	11 x 30 µg
HDAC1 Antibody	3601	30 µg, 100 µg
HDAC10 Antibody	3610	30 µg, 100 µg
HDAC11 Antibody	3611P	30 µg, 100 µg
HDAC2 Antibody	3602	30 µg, 100 µg
HDAC3 Antibody	6603	30 µg, 100 µg
HDAC3 Antibody	3603	30 µg, 100 µg
HDAC4 Antibody	3604A	30 µg, 100 µg
HDAC4 Antibody	3604	30 µg, 100 µg
HDAC5 Antibody	3605	30 µg, 100 µg
HDAC6 Antibody	3606	30 µg, 100 µg
HDAC7 Antibody	3607	30 µg, 100 µg
HDAC8 Antibody	3608	30 µg, 100 µg
HDAC8 Antibody	5618	30 µg, 100 µg
HDAC9 Antibody	3609	30 µg, 100 µg

## Assay Kits

Product Name	Cat. No.	Size
HDAC Activity Colorimetric Assay Kit	K331	100 Assays
HDAC Activity Fluorometric Assay Kit	K330	100 Assays
HDAC Inhibitor Drug Screening Kit (Fluorometric)	K340	100 Assays
HDAC1 Immunoprecipitation (IP) & Activity Assay Kit	K342	25 Assays
HDAC2 Immunoprecipitation (IP) & Activity Assay Kit	K341	25 Assays
HDAC3 Immunoprecipitation (IP) & Activity Assay Kit	K344	25 Assays
HDAC-5 Inhibitor Screening Kit (Fluorometric)	K171	100 Assays
HDAC6 Activity Assay Kit (Fluorometric)	K466	100 Assays

Product Name	Cat. No.	Size
HDAC6 Inhibitor Screening Kit (Fluorometric)	K465	100 Assays
HDAC8 Activity Fluorometric Assay Kit	K348	100 Assays
InSitu HDAC Activity Fluorometric Assay Kit	K339	100 Assays

## Blocking Peptides

Product Name	Cat. No.	Size
eNOS Blocking Peptide	3426BP	50 µg
HDAC-1 Blocking Peptide	3601BP	50 µg
HDAC-10 Blocking Peptide	3610BP	50 µg
HDAC-11 Blocking Peptide	3611BP	50 µg
HDAC-2 Blocking Peptide	3602BP	50 µg
HDAC-4 Blocking Peptide	3604BP	50 µg
HDAC-5 Blocking Peptide	3605BP	50 µg
HDAC-6 Blocking Peptide	3606BP	50 µg
HDAC-7 Blocking Peptide	3607BP	50 µg
HDAC-8 Blocking Peptide	3608BP	50 µg
HDAC-9 Blocking Peptide	3609BP	50 µg

## Proteins

Product Name	Cat. No.	Size
Active SIRT2, human recombinant	7698	10 µg, 50 µg, 1 mg
HDAC-3, human recombinant	7613	250 units, 1000 units
Human CellExp™ HDAC5, Catalytic Domain, Human Recombinant, Active	P1268	50 µg
HDAC-8, human recombinant	7618	20 µg, 100 µg, 1 mg
Human CellExp™ HDAC6, Human Recombinant, Active	P1265	50 µg
HDAC6, human recombinant	7534	10 µg
Human CellExp™ HDAC8, Human Recombinant, Active	P1266	50 µg
Human CellExp™ HDAC11, Human Recombinant, Active	P1267	50 µg
Sirtuin 2, human recombinant	7632	20 µg, 100 µg, 1 mg

## Inhibitors

Product Name	Cat. No.	Size	CAS No.
Abexinostat	B2202	1 mg, 5 mg	783355-60-2
Apicidin	1601	1 mg	183506-66-3
AR-42 (HDAC-42)	2716	1 mg, 5 mg	935881-37-1
BG-45	B1866	5 mg, 25 mg	926259-99-6
BML210	B1128	5 mg, 25 mg	537034-17-6
BRD-73954	9596	5 mg, 25 mg	1440209-96-0
CAY10683	B1051	5 mg, 25 mg	1477949-42-0
CBHA	2284	5 mg, 10 mg	174664-65-4
Chidamide	2261	1 mg, 5 mg	743420-02-2
CI-994	1742	10 mg, 50 mg	112522-64-2
Citarinostat	B1560	5 mg, 25 mg	1316215-12-9
CUDC-101	1966	5 mg, 25 mg	1012054-59-9
CUDC-907	B1675	5 mg, 25 mg	1339928-25-4
Depudecin	2087	100 µg	139508-73-9
3,3'-Diindolylmethane	2150	100 mg, 1 g	1968-05-4
DiscoveryPak™ Epigenetic Modulators Set I	K879	10 Modulators	N/A
DiscoveryPak™ Epigenetic Modulators Set II	K880	10 Modulators	N/A
DiscoveryPak™ Epigenetic Modulators Set III	S220	24 Modulators	N/A
Elevenostat	B1893	1 mg	N/A
FK228	2447	1 mg	128517-07-7
Givinostat hydrochloride	B2081	5 mg, 25 mg	732302-99-7
HC Toxin	2728	500 µg, 1 mg	83209-65-8
DiscoveryPak™ HDAC Inhibitor Set	K851	6 Inhibitors	N/A

Product Name	Cat. No.	Size	CAS No.
DiscoveryPak™ HDAC Inhibitor Set II	K876	7 Inhibitors	N/A
HDAC Substrate II, Colorimetric	2395	5 mg, 25 mg	N/A
HDAC Substrate, Colorimetric	2207	25 mg, 100 mg	N/A
HDAC Substrate, Fluorogenic	2396	5 mg, 25 mg	N/A
ITF2357	9431	1 mg, 5 mg	732302-99-7
ITSA-1	2089	5 mg, 25 mg	200626-61-5
JNJ-26481585	9612	5 mg, 25 mg	875320-29-9
LAQ824	2634	1 mg, 5 mg	404951-53-7
LMK-235	B1642	5 mg, 25 mg	1418033-25-6
M344	1607	1607	251456-60-7
MC-1568	B1085	5 mg, 25 mg	852475-26-4
MGCD0103	2633	10 mg, 50 mg	726169-73-9
MS-275 (Entinostat, SNDX-275)	1590	1 mg, 5 mg	209783-80-2
DiscoveryPak™ Neuronal Cell Induction Small Molecules Set	K892	8 Modulators	N/A
NCH 51	B1130	5 mg, 25 mg	848354-66-5
NKL 22 (MDK-4154)	B1133	10 mg, 50 mg	537034-15-4
Nullscript	2186	1 mg, 5 mg	300816-11-9
Oxamflatin	2250	1 mg, 5 mg	151720-43-3
Panobinostat (LBH589)	1612	1 mg, 5 mg, 25 mg	404950-80-7
PCI 34051	2251	5 mg, 25 mg	950762-95-5
PXD101	2480	5 mg, 25 mg	414864-00-9
Pyroxamide	2189	5 mg, 25 mg	382180-17-8
SAHA	1604	1 mg, 5 mg	149647-78-9
SB 939	2285	1 mg, 5 mg	929016-96-6
SBHA	2202	50 mg, 250 mg	38937-66-5
4SC-202	B1230	5 mg, 25 mg	1186222-89-8
Scriptaid	1605	1 mg	287383-59-9
SIRT1 Inhibitor, EX-527	1652	10 mg	49843-98-3
Sodium 4-phenylbutyrate	1608	100 mg, 1 g	1716-12-7
Sodium butyrate	1609	1 g	156-54-7
Splitomicin	1610	5 mg	5690-03-9
StemBoost™ Neuronal Cell Induction Cocktail Set (100X), Sterile-Filtered	K891	2 Vials, 10 Vials	N/A
TMP-195	B1860	5 mg, 25 mg	1314891-22-9
TMP269	2679	5 mg, 25 mg	1314890-29-3
EZSolution™ Trichostatin A	2271	1 mg	58880-19-6
Trichostatin A	1606	1 mg	58880-19-6
Tubacin	1984	250 µg, 1 mg	537049-40-4
Tubastatin A	1724	1 mg, 5 mg	1239262-52-2
UF 010	B1146	10 mg, 50 mg	537672-41-6
Valproic Acid, Sodium Salt	1647	200 mg	1069-66-5
WT-161	B2219	5 mg, 25 mg	1206731-57-8

## IDO (Indoleamine-pyrrole 2,3-dioxygenase)

Indoleamine-pyrrole 2,3-dioxygenase (IDO) is a haeme containing enzyme catalyzing the rate limiting step in the kynurenine pathway.

### Assay Kits

Product Name	Cat. No.	Size
Indoleamine 2,3-Dioxygenase 1 (IDO1) Activity Assay Kit	K972	100 Assays
Indoleamine 2,3-Dioxygenase 1 (IDO1) Inhibitor Screening Kit	K976	100 Assays

### Proteins

Product Name	Cat. No.	Size
IDO1, human recombinant	P1096	10 µg, 50 µg

### IDO Inhibitors

Product Name	Cat. No.	Size	CAS No.
IDO Pathway inhibitor	2746	50 mg, 250 mg	110117-83-4

Product Name	Cat. No.	Size	CAS No.
IDO1 Inhibitor I	2745	5 mg, 25 mg	914471-09-3
INCB-024360	9477	5 mg, 25 mg	1204669-58-8
Menadione	2747	500 mg, 1 g	58-27-5
NLG919	9407	5 mg, 25 mg	1402836-58-1

## IP3 (Inositol 1,4,5-trisphosphate)

Inositol 1,4,5-trisphosphate (IP3) receptors) is a membrane glycoprotein complex acts as a ligand gated Ca<sup>2+</sup> channel activated by inositol trisphosphate (InsP3). Found in high concentrations in cerebellum and Endoplasmic reticulum.

### Antibodies

Product Name	Cat. No.	Size
Anti-IPMK Antibody	A1641	100 µl
FKBP12 Antibody	3635	30 µg, 100 µg
Phospho-VEGFR2 (Tyr-1214) Antibody	A1043	100 µg

## Kainate

Kainate receptors are ionotropic receptors that are responsive to neurotransmitter glutamate. They are traditionally grouped as non-NMDA receptors although they share structural similarities. Pre- and postsynaptic kainate receptors can regulate transmission at many synapses and are involved with synaptic signaling.

### Biochemicals

Product Name	Cat. No.	Size	CAS No.
Evans Blue Tetrasodium	2586	1 g	314-13-6
Kainic acid	2279	5 mg, 25 mg	487-79-6
NS-3763	B1814	5 mg, 25 mg	70553-45-6

## mPTP (Mitochondrial Permeability Transition Pore)

Mitochondrial Permeability Transition Pore (mPTP or MPTP), is a protein released in the mitochondrial inner membrane under conditions such as traumatic brain injury and stroke. These pores increase the permeability of ions and small molecules causing membrane depolarization and ATP depletion leading to cell death.

### Assay Kits

Product Name	Cat. No.	Size
Mitochondrial Permeability Transition Pore Assay Kit	K239	100 Assays

### Biochemicals

Product Name	Cat. No.	Size	CAS No.
Decylubiquinone	2099	1 mg, 10 mg	55486-00-5

## NMDA Receptor

The NMDA receptor (NMDAR) is an ion-channel receptor for controlling synaptic plasticity and memory function. They are composed of subunits known as NR1 (Glycine binding), NR2 (glutamate binding) (A, B, C, D), and NR3 (A and B).

### Antibodies

Product Name	Cat. No.	Size
Phospho (Tyr1472) NMDA NR2B Antibody	3616	100 µl

### Biochemicals

Product Name	Cat. No.	Size	CAS No.
CIQ	B2005	5 mg, 25 mg	486427-17-2
Dextromethorphan (hydrobromide hydrate)	2912	50 mg, 100 mg	6700-34-1
Felbamate	B2004	10 mg, 50 mg	25451-15-4
NS-3763	B1814	5 mg, 25 mg	70553-45-6
QNZ46	B2007	5 mg, 25 mg	1237744-13-6

## PTM (Posttranslational Modification)

Post-translational modification (PTM) is a modification of proteins after protein biosynthesis. These modifications occur on amino acids sidechains or on C or N terminals of amino acids of proteins. They are integral part of cell signaling process.

### Proteins

Product Name	Cat. No.	Size
TACE (TNF- $\alpha$ converting enzyme), human recombinant	7607	20 $\mu$ g, 100 $\mu$ g, 1 mg

### Trk (Tropomyosin-receptor-kinase)

Tropomyosin-receptor-kinase (Trk) are from a family of growth factor receptors with tyrosine kinase activity controlling plasticity and synaptic strength of the mammalian nervous system.

### Antibodies

Product Name	Cat. No.	Size
BDNF Antibody (CT)	6725	100 $\mu$ l
FRS2 Antibody	3836	30 $\mu$ g, 100 $\mu$ g
TrkA Antibody	3194	30 $\mu$ g, 100 $\mu$ g
TrkB Antibody	3593	30 $\mu$ g, 100 $\mu$ g

### Proteins

Product Name	Cat. No.	Size
Human CellExp™ TrkA, human recombinant	P1020	10 $\mu$ g
TrkB, Active	7758	5 $\mu$ g

### Inhibitors

Product Name	Cat. No.	Size	CAS No.
GW-441756	B1147	5 mg, 25 mg	504433-23-2
LOXO-195	B2226	1 mg, 5 mg	2097002-61-2

## Ubiquitin/Proteasome System

Ubiquitin/Proteasome System is a tightly regulated mechanism of protein degradation process in cytosol and nucleus. This degradation process is critical for many cellular process, cell cycle, gene expression regulation and response to oxidative stress.

### Assay Kits

Product Name	Cat. No.	Size
Deubiquitinase Activity Assay Kit (Fluorometric)	K485	100 Assays
UCH-L1 Deubiquitinase Inhibitor Screening Kit	K484	100 Assays

### ELISA Kits

Product Name	Cat. No.	Size
QuickDetect™ TRAF6 (Human) ELISA Kit	K4417	96 Assays

### Proteins

Product Name	Cat. No.	Size
Heat Shock Protein 70, human recombinant	4859	25 $\mu$ g, 100 $\mu$ g, 1 mg
Human recombinant linear di-ubiquitin	6424	100 $\mu$ g
Human recombinant linear penta-ubiquitin	6427	100 $\mu$ g
Human recombinant linear tetra-ubiquitin	6426	100 $\mu$ g
Human recombinant linear tri-ubiquitin	6425	100 $\mu$ g
Human recombinant UBE2D3	6430	3 nmol
Human recombinant UBE2E2 (UbcH8)	6438	3 nmol
Human recombinant UBE2L3	6431	3 nmol
Human recombinant UBE2R1 (CDC34)	6436	3 nmol
Human recombinant UBE2R2 (Ubc3B)	6437	3 nmol
Human recombinant Ubiquitin Activating Enzyme E1	6429	50 $\mu$ g
Human Recombinant Ubiquitin-K0	6498	500 $\mu$ g, 1 mg
Human Recombinant Ubiquitin-K11	6396	500 $\mu$ g, 1 mg
Human Recombinant Ubiquitin-K11R	6404	500 $\mu$ g, 1 mg
Human Recombinant Ubiquitin-K27	6397	500 $\mu$ g, 1 mg

Product Name	Cat. No.	Size
Human Recombinant Ubiquitin-K27R	6405	500 $\mu$ g, 1 mg
Human Recombinant Ubiquitin-K29	6398	500 $\mu$ g, 1 mg
Human Recombinant Ubiquitin-K33	6399	500 $\mu$ g, 1 mg
Human Recombinant Ubiquitin-K48	6400	500 $\mu$ g, 1 mg
Human Recombinant Ubiquitin-K6	6395	500 $\mu$ g, 1 mg
Human Recombinant Ubiquitin-K63	6497	500 $\mu$ g, 1 mg
Human Recombinant Ubiquitin-K6R	6499	500 $\mu$ g, 1 mg
Human Recombinant UCHL1	6306	100 $\mu$ g
Human Recombinant UCHL3	6358	100 $\mu$ g
Human Recombinant UCHL5	6359	100 $\mu$ g
Isopeptidase T (long form), human recombinant	4862	25 $\mu$ g
Isopeptidase T (short form), human recombinant	4861	25 $\mu$ g
K11-linked Di-Ubiquitin	6421	50 $\mu$ g
K11-linked Tetra-Ubiquitin	6423	25 $\mu$ g
K11-linked Tri-Ubiquitin	6422	50 $\mu$ g
K48-linked Di-Ubiquitin	6415	50 $\mu$ g
K48-linked Tetra-Ubiquitin	6417	25 $\mu$ g
K48-linked Tri-Ubiquitin	6416	50 $\mu$ g
K63-linked Di-Ubiquitin	6418	50 $\mu$ g
K63-linked Tetra-Ubiquitin	6420	25 $\mu$ g
K63-linked Tri-Ubiquitin	6419	50 $\mu$ g
Recombinant hSUMO1-AMC	6412	50 $\mu$ g
Recombinant hSUMO2-AMC	6413	50 $\mu$ g
Recombinant hSUMO2-Rhodamine	6414	50 $\mu$ g
Src1, Active	7750	5 $\mu$ g, 100 $\mu$ g
SUMO1, human recombinant	4941	100 $\mu$ g, 1 mg
SUMO2, human recombinant	4942	100 $\mu$ g, 1 mg
SUMO3, human recombinant	4943	100 $\mu$ g, 1 mg
TNF-RII, human recombinant	4448	20 $\mu$ g, 1 mg
Human CellExp™ TYRO3 / Dtk, Human recombinant	P1136	20 $\mu$ g, 100 $\mu$ g
UbcH1, human recombinant (GST-tag)	4846	10 $\mu$ g, 100 $\mu$ g
UbcH2, human recombinant (His-tag)	4848	100 $\mu$ g
UbcH3, human recombinant (His-tag)	4849	100 $\mu$ g
UbcH5a, human recombinant (His-tag)	4851	10 $\mu$ g, 100 $\mu$ g
UbcH5b, human recombinant (His-tag)	4852	10 $\mu$ g, 100 $\mu$ g
UbcH5c, human recombinant (His-tag)	4854	100 $\mu$ g
Ubiquitin Aldehyde, human recombinant	4845	50 $\mu$ g
Ubiquitin, human recombinant	4841	100 $\mu$ g, 1 mg
Ubiquitin-AMC	4842	25 $\mu$ g
Ubiquitin-Biotinylated (all lysines unmodified)	7551	50 $\mu$ g
Ubiquitin-Fluorescein-labeled (FLR-Ub)	7552	50 $\mu$ g
Ubiquitin-Rhodamine	6411	50 $\mu$ g
Ubiquitin-TAMRA-labeled (TMR-Ub)	7553	50 $\mu$ g
UCHL3 Mouse Recombinant	P1068	10 $\mu$ g, 50 $\mu$ g

### Inhibitors

Product Name	Cat. No.	Size	CAS No.
Aclacinomycin A hydrochloride	B1905	1 mg, 5 mg	75443-99-1
ARV-825	B2019	1 mg, 5 mg	1818885-28-7
CEP-18770	2433	5 mg, 25 mg	847499-27-8
Clasto-Lactacystin $\beta$ -lactone	1710	100 $\mu$ g	154226-60-5
DUB Inhibitor, NSC-632839	2570	5 mg, 25 mg	157654-67-6
DUB Inhibitor, PR-619	2302	5 mg, 25 mg	2645-32-1
Fenbendazole	2157	100 mg, 500 mg	43210-67-9
Lactacystin (Natural)	2434	200 $\mu$ g	133343-34-7
Lactacystin (Synthetic)	1709	200 $\mu$ g	133343-34-7
EZSolution™ MG-115	2144	1 mg, 5 mg	N/A
MG-115	1831	1 mg, 5 mg	N/A
EZSolution™ MG-132	1791	5 mg	133407-82-6

Product Name	Cat. No.	Size	CAS No.
MG-132	1703	5 mg, 25 mg	133407-82-6
ML-240	B1142	5 mg, 25 mg	1346527-98-7
NSC-687852	2021	5 mg, 25 mg	1009817-63-3
NSC-697923	B1091	5 mg, 25 mg	343351-67-7
Proteasome Substrate, Fluorogenic	1832	1 mg, 5 mg	N/A
PRT4165	B1054	5 mg, 25 mg	31083-55-3
EZSolution™ PS-341	2145	1 mg	179324-69-7
PS-341	1846	1 mg, 5 mg	179324-69-7
PTC-209	B1055	5 mg, 25 mg	315704-66-6
PYR-41	1925	5 mg, 25 mg	418805-02-4
SKPin C1	2343	5 mg, 25 mg	432001-69-9
SMER-3	2514	5 mg, 25 mg	67200-34-4
Spautin-1	2037	5 mg, 25 mg	1262888-28-7

Product Name	Cat. No.	Size	CAS No.
TAME Hydrochloride	2050	100 mg, 500 mg, 1 g	1784-03-8
TCID	2204	5 mg, 25 mg	N/A
(±)-Thalidomide	2020	10 mg, 50 mg	50-35-1
USP7/USP47 Inhibitor, P 22077	2301	5 mg, 25 mg	1247819-59-5

## Vesicular Monoamine Transporters

Vesicular Monoamine Transporters are accountable for packaging of cytosolic monoamines (serotonin, norepinephrine and histamine) uptake into synaptic vesicles in monoaminergic neurons. This helps in maintaining the concentration of neurotransmitters in cytoplasm.

## Biochemicals

Product Name	Cat. No.	Size	CAS No.
Syrosingopine	B1323	1 mg, 5 mg	84-36-6