

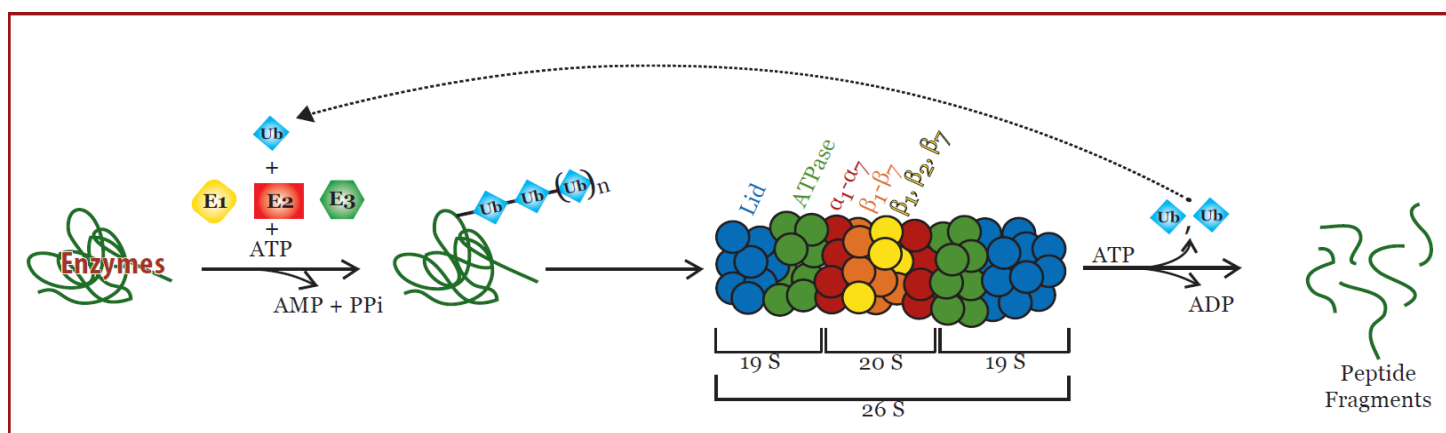
Ubiquitin Proteasome Pathway Products

The ubiquitin-proteasome pathway (UPP) is the primary cytosolic proteolytic machinery for the selective degradation of various forms of damaged proteins. Proteins tagged by ubiquitination (e.g., attachment of ubiquitin to the target molecule) are degraded in the proteasome, a complex intracellular structure composed of multiple enzymatic complexes, presiding over protein catabolism. The end products of its activity are, in fact, small peptides suitable for antigen presentation or amino acid residues that can be recycled within the cell.

The ubiquitin-proteasome system (UPS) has been increasingly recognized as a major system involved in several biological processes such as cell proliferation, adaptation to stress and cell death. The critical role that the Ubiquitin Proteasome Pathway (UPP) plays in cellular signaling coupled with increasing validation of the therapeutic potential of targets in this pathway is accelerating interest in this field among both academic and pharmaceutical researchers.

BioVision is pleased to offer a variety of reagents to the researchers doing research in the Ubiquitin Proteasome Pathway.

Ubiquitin Proteasome Pathway



Antibodies

Product Name	Cat. No.	Size
E6AP Antibody	3744	100 µl
TDP1 Antibody (Clone AT1F2)	6698	50 µg
TDP2 Antibody	6697	50 µg
UCHL1 Antibody	6130	50 µg
UCHL5 Antibody	6129	50 µg
UHRF1 Antibody	6144	100 µg
UHRF2 Antibody	6145	100 µg
USP1 Antibody	6140	100 µg
USP14 Antibody	6134	50 µg
USP15 Antibody	6135	50 µg
Anti-USP2 Antibody	A2146	100 µl

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Toll Free: 800-891-9699 (US Only)



Antibodies

Product Name	Cat. No.	Size
USP2 Antibody	6141	100 µg
USP25 Antibody	6143	100 µg
USP3 Antibody	6142	100 µg
USP34 Core Antibody	6136	50 µg
USP4 Antibody	6131	50 µg
USP5 Antibody	6132	50 µg
Anti-USP7 Antibody	A2214	100 µl
USP8 Antibody	6133	50 µg
USP8 Antibody	6658	30 µg, 100 µg
Anti-WWP1 Antibody	A1936	100 µl

Assay Kits

Product Name	Cat. No.	Size
20S Immunoproteasome Activity Assay Kit (Fluorometric)	K2051	100 assays
Actin Polymerization/ Depolymerization Assay Kit (Fluorometric)	K457	100 assays
NQO1 (human intracellular) ELISA Kit	K4926	100 assays
Proteasome Activity Assay Kit	K245	100 assays

Enzymes

Product Name	Cat. No.	Size
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 µg
Human Recombinant UCHL1	6306	100 µg
Isopeptidase T (long form), human recombinant	4862	25 µg
Isopeptidase T (short form), human recombinant	4861	25 µg
EZCut™ SUMO Protease 1 (GST-tagged), Yeast Recombinant	7869	100 Units, 500 Units
EZCut™ SUMO Protease 1 (His-tagged), Yeast Recombinant	7868	500, 2500, 10000 Units
EZCut™ SUMO Protease 1 Agarose Beads	M1028	1 ml, 5 ml, 25 ml
SUMO-GFP (Multi-Protease Control Protein)	M1072	50 µg, 250 µg
UbcH1, human recombinant (GST-tag)	4846	10 µg, 100 µg
UbcH2, human recombinant (His-tag)	4848	100 µg
UbcH3, human recombinant (His-tag)	4849	100 µg
UbcH5a, human recombinant (His-tag)	4851	10 µg, 100 µg
UbcH5b, human recombinant (His-tag)	4852	10 µg, 100 µg
UbcH5c, human recombinant (His-tag)	4854	100 µg
Ubiquitin, human recombinant	4841	100 µg, 1 mg

Inhibitors

DUBs (Deubiquitinating Enzymes) & related Inhibitors

Product Name	Cat. No.	Size	CAS.No
LDN-57444	2016	5 mg, 25 mg	668467-91-2
USP14 Inhibitor, IU1	1845	5 mg, 25 mg	314245-33-5
WP-1130	2014	5 mg, 25 mg	856243-80-6

Inhibitors

Proteasome Inhibitors

Product Name	Cat. No.	Size	CAS.No
Aclacinomycin A hydrochloride	B1905	1 mg, 5 mg	75443-99-1
Calpain Inhibitor I, ALLN	1834	5 mg, 25 mg	110044-82-1
Calpain Inhibitor II, ALLM	1835	5 mg, 25 mg	136632-32-1
Carfilzomib	2385	5 mg, 25 mg	868540-17-4
EZSolution™ Carfilzomib	B2491	5 mg	868540-17-4
Celastrol	1940	5 mg, 25 mg	34157-83-0
CEP-18770	2433	5 mg, 25 mg	847499-27-8
Clasto-Lactacystin β -lactone	1710	100 μ g	154226-60-5
Clioquinol	2454	1 g, 5 g	130-26-7
(-)-Epigallocatechin gallate	1841	50 mg	989-51-5
Epoxomicin	2190	50 μ g, 250 μ g	134381-21-8
Fenbendazole	2157	100 mg, 500 mg	43210-67-9
EZSolution™ Ixazomib	B2488	5 mg	1072833-77-2
Ixazomib	B2384	5 mg, 25 mg	1072833-77-2
Lactacystin (Natural)	2434	200 μ g	133343-34-7
Lactacystin (Synthetic)	1709	200 μ g	133343-34-7
Marizomib	B2493	100 μ g, 500 μ g	437742-34-2
EZSolution™ MG-115	2144	1 mg	NA
MG-115	1831	1 mg, 5 mg	NA
EZSolution™ MG-132	1791	5 mg	133407-82-6
MG-132	1703	5 mg, 25 mg	133407-82-6
MLN-9708	B2195	5 mg, 25 mg	1239908-20-3
ONX-0914	2555	5 mg, 25 mg	960374-59-8
Oprozomib	2386	5 mg, 25 mg	935888-69-0
P5091	2277	5 mg, 25 mg	882257-11-6
EZSolution™ PS-341	2145	1 mg	179324-69-7
PS-341	1846	1 mg, 5 mg	179324-69-7
VR23	B1515	5 mg, 25 mg	1624602-30-7

Ubiquitin Ligase (E3) Inhibitors

Product Name	Cat. No.	Size	CAS.No
NSC 146109 hydrochloride	1907	5 mg	59474-01-0
NSC 66811	2009	5 mg	6964-62-1
NSC-687852	2021	5 mg, 25 mg	1009817-63-3
(\pm)-Thalidomide	2020	10 mg, 50 mg	50-35-1

Ubiquitin Proteasome Pathway Inhibitors

Product Name	Cat. No.	Size	CAS.No
Calpain Inhibitor II, ALLM	1835	5 mg, 25 mg	136632-32-1
Carfilzomib	2385	5 mg, 25 mg	868540-17-4
Celastrol	1940	5 mg, 25 mg	34157-83-0
Clasto-Lactacystin β -lactone	1710	100 μ g	154226-60-5
Clioquinol	2454	1 g, 5 g	130-26-7
DBeQ	1858	5 mg, 25 mg	177355-84-9

Inhibitors

Ubiquitin Proteasome Pathway Inhibitors

Product Name	Cat. No.	Size	CAS.No
(-)-Epigallocatechin gallate	1841	50 mg	989-51-5
Lactacystin (Synthetic)	1709	200 µg	133343-34-7
LDN-57444	2016	5 mg, 25 mg	668467-91-2
MDBN	2033	10 mg, 50 mg	1485-00-3
MG-132	1703	5 mg, 25 mg	133407-82-6
MLN-9708	B2195	5 mg, 25 mg	1239908-20-3
NSC-687852	2021	5 mg, 25 mg	1009817-63-3
Oprozomib	2386	5 mg, 25 mg	935888-69-0
PS-341	1846	1 mg, 5 mg	179324-69-7
PYR-41	1925	5 mg, 25 mg	418805-02-4
(±)-Thalidomide	2020	10 mg, 50 mg	50-35-1

Substrates

Product Name	Cat. No.	Size
Human recombinant linear di-ubiquitin	6424	100 µg
Human recombinant linear penta-ubiquitin	6427	100 µg
Human recombinant linear tetra-ubiquitin	6426	100 µg
Human recombinant linear tri-ubiquitin	6425	100 µg
Human Recombinant Ubiquitin-K11	6396	500 µg, 1 mg
Human Recombinant Ubiquitin-K11R	6404	500 µg, 1 mg
Human Recombinant Ubiquitin-K27	6397	500 µg, 1 mg
Human Recombinant Ubiquitin-K27R	6405	500 µg, 1 mg
Human Recombinant Ubiquitin-K29	6398	500 µg, 1 mg
Human Recombinant Ubiquitin-K33	6399	500 µg, 1 mg
Human Recombinant Ubiquitin-K48	6400	500 µg, 1 mg
Human Recombinant Ubiquitin-K6	6395	500 µg, 1 mg
K11-linked Di-Ubiquitin	6421	50 µg
K11-linked Tetra-Ubiquitin	6423	25 µg
K11-linked Tri-Ubiquitin	6422	50 µg
K48-linked Di-Ubiquitin	6415	50 µg
K48-linked Tetra-Ubiquitin	6417	25 µg
K48-linked Tri-Ubiquitin	6416	50 µg
K63-linked Di-Ubiquitin	6418	50 µg
K63-linked Tetra-Ubiquitin	6420	25 µg
K63-linked Tri-Ubiquitin	6419	50 µg
NEDD8-AMC	4843	25 µg
Proteasome Substrate, Fluorogenic	1832	1 mg, 5 mg
Recombinant hSUMO1-AMC	6412	50 µg
Recombinant hSUMO2-AMC	6413	50 µg
Recombinant hSUMO2-Rhodamine	6414	50 µg
Suc-Leu-Leu-Val-Tyr-AMC	1833	5 mg, 25 mg
Ubiquitin-AMC	4842	25 µg
Ubiquitin-Rhodamine	6411	50 µg