

# CRISPR-Cas9 Products



The Clustered Regularly Interspaced Short Palindromic Repeats (CRISPR)-Cas9 (CRISPR associated protein 9) system is the latest RNA-guided, endonuclease tool in genome editing which allows for very specific genomic disruption and replacement. Cas9 protein of the CRISPR-Cas9 system is an RNA-guided DNA endonuclease enzyme that forms a very stable ribonucleoprotein (RNP) complex with the guide RNA (sgRNA) and unwinds the genomic DNA duplex. This leads to a disruption in the open reading frame of the targeted gene. BioVision offers a wide range of highly pure and effective Recombinant Cas9 Proteins, Antibodies, Homology Directed Repair (HDR) Blockers and Enhancers for Genome Editing Studies using CRISPR/Cas9 Technology.

## **Applications:**

- RNA-Guided Genome Editing
- Gene Regulation
- CRISPR Genomic Cleavage Detection Kit to Verify the Genomic Editing Process
- Simple CRISPR sgRNA Synthesis Kit for the Production of sgRNA

## **Key Features:**

- Ready-To-Use, Highly Pure and Efficient *S. pyogenes* and *S. aureus* Cas9 Proteins
- Wide Range of Cas9 Proteins (Cas9 Nucleases, Nickases, Double Mutants) to Choose From
- Injection and Transfection Ready Cas9 Proteins
- GFP-Cas9 Proteins for Genomic Locus Visualization
- Ready-to-Use, Easy and Effective CRISPR Genomic Cleavage Detection Kit to Verify Genomic Editing Process
- Simple and Robust Production of sgRNA using CRISPR sgRNA Synthesis Kits

## **Antibodies**

Product Name	Cat. No.	Size
Anti-Cas9 Antibody (7A9)	A1069	50 µg

## **Assay Kits**

Product Name	Cat. No.	Size
CRISPR Genomic Cleavage Detection Kit	K1250	25 Reactions
Express CRISPR sgRNA Synthesis Kit	K1253	25 Reactions

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



## Biochemicals

### HDR Blockers

Product Name	Cat. No.	Size	CAS. No.
Azidothymidine	B1113	10 mg, 50 mg	30516-87-1
Trifluorothymidine	B1126	10 mg, 50 mg	70-00-8
YU238259	B2155	5 mg, 25 mg	1943733-16-1

### HDR Enhancers

Product Name	Cat. No.	Size	CAS. No.
Brefeldin A	1560	5 mg, 50 mg	20350-15-6
EZSolution™ Brefeldin A	B1872	5 mg	20350-15-6
DiscoveryPak™ HDR Enhancers Set	S234	7 Enhancers	Multiple
KU-0060648	B1115	5 mg, 25 mg	881375-00-4
L-755,507	B1116	5 mg, 25 mg	159182-43-1
EZSolution™ L-755,507	B1873	5 mg	159182-43-1
Nocodazole	2185	10 mg, 50 mg	31430-18-9
EZSolution™ Nocodazole	B1874	5 mg	31430-18-9
NU-7441	B1117	5 mg, 25 mg	503468-95-9
EZSolution™ NU-7441	B1875	5 mg	503468-95-9
RS-1	B1118	5 mg, 25 mg	312756-74-4
EZSolution™ RS-1	B1876	5 mg	312756-74-4
SCR7 pyrazine	B1119	5 mg, 25 mg	14892-97-8
EZSolution™ SCR7 pyrazine	B1877	5 mg	14892-97-8
(Z)-4-Hydroxytamoxifen	B1114	5 mg, 25 mg	68047-06-3

## Proteins

Product Name	Cat. No.	Size
Gene Snipper™ Cas9 GFP NLS	M1284	50 pmol, 250 pmol
Gene Snipper™ Cas9 GFP Null NLS	M1286	50 pmol, 250 pmol
Gene Snipper™ Cas9 Nickase GFP NLS	M1285	50 pmol, 250 pmol
Gene Snipper™ SaCas9 NLS	M1281	50 pmol, 250 pmol
Gene Snipper™ SaCas9 Null	M1282	50 pmol, 250 pmol
Gene Snipper™ SaCas9 Null NLS	M1283	50 pmol, 250 pmol
Gene Snipper™ SaCas9 Protein	M1280	50 pmol, 250 pmol
GeneSnipper™ Cas9 (D10A) NLS	M1097	50 pmol, 250 pmol
GeneSnipper™ Cas9 (H840A) NLS	M1099	50 pmol, 250 pmol
GeneSnipper™ Cas9 Nickase (D10A)	M1096	50 pmol, 250 pmol
GeneSnipper™ Cas9 Nickase (H840A)	M1098	50 pmol, 250 pmol
GeneSnipper™ Cas9 NLS	M1095	50 pmol, 250 pmol
GeneSnipper™ Cas9 Null	M1100	50 pmol, 250 pmol
GeneSnipper™ Cas9 Null NLS	M1103	50 pmol, 250 pmol
GeneSnipper™ Cas9 Protein	M1094	50 pmol, 250 pmol

Please visit [www.BioVision.com](http://www.BioVision.com) for a comprehensive overview on our products!