

# BioVision's 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

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Product Name	Cat. No.	Size
Cas9 Monoclonal Antibody	A1069	50 µg
Classic CRISPR sgRNA Synthesis Kit	K1252	25 Reactions
CRISPR Genomic Cleavage Detection Kit	K1250	25 Reactions
Express CRISPR sgRNA Synthesis Kit	K1253	25 Reactions
Gene Snipper™ Cas9 (H840A) NLS	M1099	50 pmol, 250 pmol
Gene Snipper™ Cas9 Nickase (D10A)	M1096	50 pmol, 250 pmol
Gene Snipper™ Cas9 Nickase (H840A)	M1098	50 pmol, 250 pmol
Gene Snipper™ Cas9 Null	M1100	50 pmol, 250 pmol
Gene Snipper™ Cas9 Null NLS	M1103	50 pmol, 250 pmol
Gene Snipper™ Cas9 GFP NLS	M1284	50 pmol, 250 pmol
Gene Snipper™ Cas9 Nickase GFP NLS	M1285	50 pmol, 250 pmol
Gene Snipper™ Cas9 (D10A) NLS	M1097	50 pmol, 250 pmol
Gene Snipper™ Cas9 GFP Null NLS	M1286	50 pmol, 250 pmol
Gene Snipper™ Cas9 NLS	M1095	50 pmol, 250 pmol
Gene Snipper™ Cas9 Protein	M1094	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
HDR (Homology-Directed Repair) Blockers	B1113; B1126	10 mg, 50 mg
HDR (Homology-Directed Repair) Enhancers	B1114-B1117; 1560; 2185	Varies

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For ordering, please email us at: [orders@biovision.com](mailto:orders@biovision.com)