

# 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

## **Product Highlights:**

- Highly Pure, Maximum Efficiency and Ready-To-Use Cas9 Proteins
- Fast, Affordable and Reduced Cell Toxicity using CRISPR/Cas9 Products
- Higher Insertion/Deletion Frequencies using Cas9 Proteins than with Plasmid or mRNA Encoded Cas9
- Minimal Off-Target Cleavage, and Validated Activity of Cas9 Products
- Validated and Optimized Cas9 Antibodies
- Many Small Molecules (HDR Blockers or Enhancers to choose from) Modulating CRISPR Genome Editing

Product Name	Cat. No.	Size
Gene Sniper™ Cas9 Protein	M1094	50 pmol, 250 pmol
Gene Sniper™ Cas9 NLS	M1095	50 pmol, 250 pmol
Gene Sniper™ Cas9 Nickase (D10A)	M1096	50 pmol, 250 pmol
Gene Sniper™ Cas9 (D10A) NLS	M1097	50 pmol, 250 pmol
Gene Sniper™ Cas9 Nickase (H840A)	M1098	50 pmol, 250 pmol
Gene Sniper™ Cas9 (H840A) NLS	M1099	50 pmol, 250 pmol
Gene Sniper™ Cas9 Null	M1100	50 pmol, 250 pmol
Gene Sniper™ Cas9 Null NLS	M1103	50 pmol, 250 pmol
Cas9 Monoclonal Antibody	A1069	50 µg
HDR (Homology-Directed Repair) Enhancers	B1114-B1117; 1560; 2185	Varies
HDR (Homology-Directed Repair) Blockers	B1113; B1126	10 mg, 50 mg

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

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

155 S. Milipitas Blvd, Milipitas, CA 95035

T: 408-493-1800 F: 408-493-1801

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

