

Recombinant Streptococcus pyogenes Cas9 Protein, His-tagged

Cat. No. Cas9-02S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cas9-NLS comprises the entire Cas9 protein sequence (1368 amino acids) fused to a proprietary nuclear localization sequence (NLS) and a 6 X His tag at the C-terminus was expressed in E. coli Features: Low endotoxin Level, High Biological activity, Consistent from lot to lot.
Species	Streptococcus pyogenes
Source	E.coli
Molecular Mass	162 kDa
Purity	Greater than 97 % as determined by SDS-PAGE.
Applications	Genome editing
Storage	At -20 centigrade.
Storage Buffer	10 X Cas9 Reaction Buffer: 200 mM HEPES, 50 mM MgCl₂, 1 M NaCl, 1 mM EDTA, pH 6.5 Storage Buffer: 50 mM Tris-HCl, 50 M KCl, 1 mM DTT, 1 mM EDTA, 50% Glycerol, pH 7.5

GENE INFORMATION

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Official Symbol	Cas9
Synonyms	Cas9; CRISPR associated protein 9
UniProt ID	Q99ZW2

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