Recombinant Streptococcus Pyogenes CRISPR-Cas9 Protein, His tagged

Cat. No. CRISPR-Cas9-12S **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The Streptococcus Pyogenes CRISPR-Cas9 Protein, His Tag is produced in Insect Cells. A DNA sequence encoding the s. pyogenes serotype M1 cas9 (WP_010922251.1) (Met1-Asp1368) was expressed with a nuclear localization sequence (NLS) at the N-terminus, two NLSs and a polyhistidine tag at the C-terminus.
Species	Streptococcus Pyogenes
Source	Insect Cells
ProteinLength	1-1368 aa
Molecular Mass	163 kDa
Purification	Affinity purification
Endotoxin	<1.0 EU/μg determined by the LAL method
Purity	> 90% determined by SDS-PAGE
Storage	Aliquot and store at -20 centigrade to -80 centigrade. Avoid repeated freezing and thawing cycles.
Storage Buffer	20mM Tris, 300mM NaCl, 50% Glycerol, 0.5mM PMSF, 0.1mM EDTA, 0.5mM TCEP,

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	pH8.0
Shipping	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. If supplied as liquid, the proteins will be shipped with dry ice.

GENE INFORMATION

Synonyms	CRISPR-Cas9
Protein Refseq	WP_010922251

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