

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](#) Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA