

# Recombinant Streptococcus pyogenes Cas9 Protein, His-tagged

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

## SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Streptococcus pyogenes
<b>Source</b>	E.coli
<b>Molecular Mass</b>	162 kDa
<b>Purity</b>	Greater than 97 % as determined by SDS-PAGE.
<b>Applications</b>	Genome editing
<b>Storage</b>	At -20 centigrade.
<b>Storage Buffer</b>	10 X Cas9 Reaction Buffer: 200 mM HEPES, 50 mM MgCl <sub>2</sub> , 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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



<b>Official Symbol</b>	Cas9
<b>Synonyms</b>	Cas9; CRISPR associated protein 9
<b>UniProt ID</b>	Q99ZW2

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA