

Recombinant Streptococcus pyogenes cas9 protein

Cat. No. cas9-11S **Lot. No.** (See product label)

SPECIFICATION

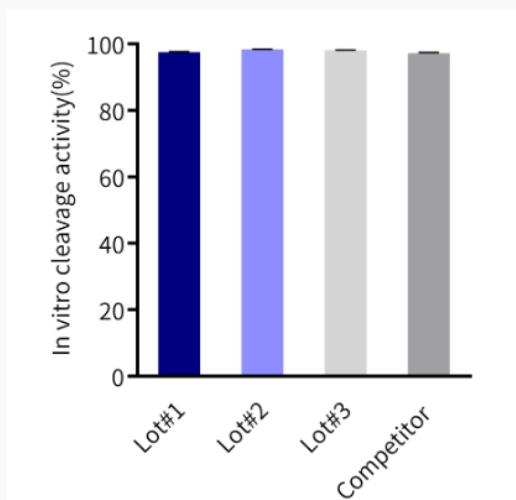
Product Overview	Recombinant Streptococcus pyogenes Cas9 was expressed in E. coli.
Species	Streptococcus pyogenes
Source	E.coli
ProteinLength	2-1368 aa
Form	30 mM Tris-HCl, 300 mM NaCl, 0.1 mM EDTA, 50% Glycerol, pH 7.4.
Bio-activity	The in vitro cleavage activity of the three batches of Cas9 Nuclease was basically the same.
Molecular Mass	The protein has a predicted MW of 163 kDa.
Endotoxin	≤10 EU/mg
Purity	≥95% by Bis-Tris PAGE; ≥95% by SEC-HPLC.
Storage	Avoid repeated freeze/thaw cycles. Store at -20 ± 5°C.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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Activity



Bis-Tris PAGE

