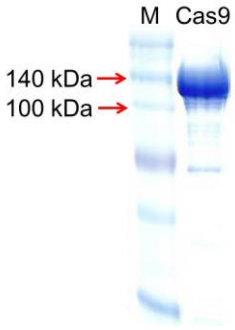
Cas9 recombinant protein (*Streptococcus pyogenes*)

Product Description:

Cas9 proteins are ready-to-use reagents for your genome engineering experiments, containing a nuclear localization sequence (NLS), which aids the transport of Cas9 protein to the nucleus. The Cas9 protein forms a stable complex with sgRNA and can be used for both in vitro and in vivo applications.

Catalog number:	CAS90050
Quantity:	50 µg lyophilized
Expression system:	E. coli BL21
Protein tag:	6 x His located at the C-terminus of the Cas9 protein
NLS:	SV40 NLS at the C-terminus of the Cas9 protein
Storage buffer:	50 mM Tris-HCl, 150 mM NaCl, 2% Sucrose, 20% Glycerol, pH 7.4 We recommend to reconstitute the Cas9 protein upon arrival and to store aliquots at– 80℃.
Storage Temperature:	6 month at RT (lyophilized), 2 years at - 80°C
Activity:	Each lot is tested by in vitro cleavage assays for nuclease activity
Purity:	Each lot is tested by SDS-PAGE for purity



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