Active Recombinant Cynomolgus F9 protein, His-tagged

Cat. No. F9-1296C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus F9 protein(Thr 29 - Thr 461), fused with His tag, was expressed in HEK293.
Species	Cynomolgus
Source	HEK293
ProteinLength	Thr 29 - Thr 461
Form	Lyophilized from 0.22 μm filtered solution in 50 mM Tris,150 mM NaCl,pH7.5 with trehalose as protectant.
Bio-activity	Measured by its ability to cleave the fluorogenic peptide substrate, Mca-RPKPVE-Nval-WRK(Dnp)-NH2 . The specific activity is >30 pmol/min/μg.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminusThe protein has a calculated MW of 50.6 kDa. The protein migrates as 61-70 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per μg by the LAL method.
Purity	>95% as determined by SDS-PAGE. >90% as determined by SEC-MALS.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower.Please avoid repeated freeze-thaw cycles. This product is stable after storage

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	at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
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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