Active Recombinant Cynomolgus DPP4 protein, His-tagged

Cat. No. DPP4-1203C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus DPP4 protein(Asn 29 - Pro 766), fused with His tag, was expressed in HEK293.
Species	Cynomolgus
Source	HEK293
ProteinLength	29-766 a.a.
Form	Lyophilized from 0.22 μm filtered solution in 20 mM Tris, 150 mM NaCl, pH8.0. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Measured by its ability to cleave the fluorogenic peptide substrate, Gly-Pro-7-amido-4-methylcoumarin (GP-AMC). The specific activity is >3500 pmol/min/μg(QC tested).
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus.The protein has a calculated MW of 86.9 kDa. The protein migrates as 100-110 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Asn29-Pro766
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.

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Storage	For long term, the product should be stored at lyophilized state at -20°C or lower.Please avoid repeated freeze-thaw cycles. This product is stable after 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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