

Active Recombinant Rhesus macaque PGF protein, His-tagged

Cat. No. PGF-382R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rhesus macaque PGF protein(Leu 19 - Arg 170), fused with His tag, was expressed in HEK293.
Species	Rhesus macaque
Source	HEK293
ProteinLength	Leu 19 - Arg 170
Form	Lyophilized from 0.22 µm filtered solution in 100 mM Acetic Acid, pH2.5, 10% trehalose.
Bio-activity	Immobilized Rhesus macaque VEGF R1, Mouse IgG2a Fc Tag, low endotoxin at 5 µg/mL (100 µL/well) can bind Rhesus macaque PLGF, His Tag with a linear range of 2-40 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 19.3 kDa. The protein migrates as 28-34 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Storage	For long term, the product should be stored at lyophilized state at -20°C or

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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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