

Active Recombinant Mouse PGF protein, His-tagged

Cat. No. PGF-381M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse PGF protein(Val 19 - Pro 158), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Val 19 - Pro 158
Form	Lyophilized from 0.22 µm filtered solution in 100 mM HAC, pH2.5, 10% trehalose.
Bio-activity	Immobilized Mouse VEGF R1, Mouse IgG2a Fc Tag, low endotoxin at 2 µg/mL (100 µL/well) can bind Mouse PLGF, His Tag with a linear range of 0.2-4 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus.The protein has a calculated MW of 17.8 kDa. The protein migrates as 27-35 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.
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

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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.

GENE INFORMATION

Gene Name Pgf placental growth factor [*Mus musculus*]

Official Symbol PGF

Synonyms PGF; placental growth factor; placenta growth factor; PIGF; Plgf; AI854365;

Gene ID 18654

mRNA Refseq NM_008827

Protein Refseq NP_032853

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