

Active Recombinant Human PGF protein, His-tagged

Cat. No. PGF-769H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PGF protein(Leu 19 - Arg 149), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Leu 19 - Arg 149
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4, 10% trehalose.
Bio-activity	Immobilized Human PLGF (19-149), His Tag at 1 µg/mL (100 µL/well) can bind Biotinylated Human VEGF R1, His,Avitag with a linear range of 1-31 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus.The protein has a calculated MW of 16.6 kDa. As a result of glycosylation, the protein migrates as 20-30 kDa under reducing (R) condition, and 45-55 kDa under non-reducing (NR) condition (SDS-PAGE).
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 lower.Please avoid repeated freeze-thaw cycles. This product is stable after at:

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-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.

GENE INFORMATION
Gene Name

PGF placental growth factor [[Homo sapiens](#)]

Official Symbol

PGF

Synonyms

PGF; placental growth factor; PGFL, placental growth factor, vascular endothelial growth factor related protein , placental growth factor like; placenta growth factor; D12S1900; PIGF; PLGF; PIGF 2; SHGC 10760; placental growth factor-like; placental growth factor, vascular endothelial growth factor-related protein; PGFL; PIGF-2; SHGC-10760;

Gene ID

5228

mRNA Refseq

[NM_001207012](#)

Protein Refseq

[NP_001193941](#)

MIM

601121

UniProt ID

[P49763](#)

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