

## Active Recombinant Human PGF protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human PGF protein(Leu 19 - Arg 149), fused with His tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Leu 19 - Arg 149
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4, 10% trehalose.
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	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).
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>90% as determined by SDS-PAGE.
<b>Storage</b>	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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