

Recombinant Human PGF protein, His-tagged

Cat. No. PGF-764H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PGF aa. (Phe43~Leu162) fused with N-terminal His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Phe43~Leu162
Form	Freeze-dried powder
Molecular Mass	18kDa as determined by SDS-PAGE reducing conditions
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>98%
Characteristic	The isoelectric point is 6.8.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200µg/mL
Storage buffer	PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300.
Reconstitution	Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

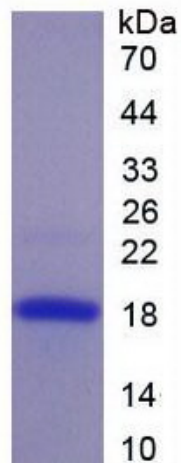
Gene Name	PGF placental growth factor [Homo sapiens (human)]
Official Symbol	PGF
Synonyms	PGFL; PIGF; PLGF; PIGF-2; D12S1900; SHGC-10760; placental growth factor, vascular endothelial growth factor-related protein; placenta growth factor
Gene ID	5228
mRNA Refseq	NM_001207012.1
Protein Refseq	NP_001193941.1
UniProt ID	P49763

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SDS-PAGE



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