

Recombinant Human PGF protein, His-tagged

Cat. No. PGF-3061H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PGF protein(19-131 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	19-131 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	LPAVPPQQWALSAGNGSSEVEVVPFQEVWGRSYCRALERLVDVVSEYPSEVEHMF SPSCVSLLRCTGCCGDENLHCVPVETANVTMQLLKIRSGDRPSYVELTFSQHVRCR
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

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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