

Recombinant Human PGF protein, His-SUMO-tagged

Cat. No. PGF-3333H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PGF protein(P49763)(19-170aa), fused to N-terminal His-SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	19-170aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	33.3 kDa
AA Sequence	LPVPPQQWALSAGNGSSEVEVVPFQEVWGRSYCRALERLVDVVSEYPSEVEHMF SPSCVSLRCTGCCGDENLHCVPVETANVTMQLLKIRSGDRPSYVELTFSQHVRCE CRPLREKMKPERRRPKGRGKRRREKQRPTDCHLCGDAVPRR
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

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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