

Recombinant Human PGF Protein, His-tagged

Cat. No. PGF-04H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human PIGF (21-170aa), fused to His-tag at C-terminus, was expressed in HEK293 and purified by using conventional chromatography techniques.
Species	Human
Source	HEK293
ProteinLength	21-170aa
Description	This gene encodes a growth factor found in placenta which is homologous to vascular endothelial growth factor. Alternatively spliced transcripts encoding different isoforms have been found for this gene.
Form	Liquid
Molecular Mass	18.3kDa (160aa)
AA Sequence	AVPPQQWALSAGNGSSEVEVVPFQEVWGRSYCRALERLVDVVSEYPSEVEHMFSP SCVSLLRCTGCCGDENLHCVPVETANVTMQLLKIRSGDRPSYVELTFSQHVRCECR PLREKMKPERRRPKGRGKRRREKQRPTDCHLCGDAVPRR
Endotoxin	< 1 EU/μg of protein (determined by LAL method)
Purity	> 95% by SDS-PAGE

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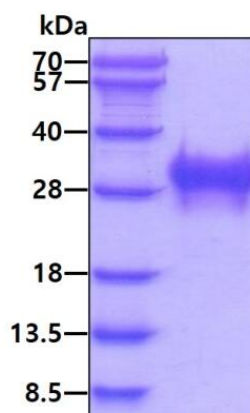
Applications	SDS-PAGE
Storage	Can be stored at +2 to +8 centigrade for 1 week. For long term storage, aliquot and store at -20 to -80 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	0.25 mg/mL (determined by Absorbance at 280nm)
Storage Buffer	Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol
GENE INFORMATION	
Gene Name	PGF placental growth factor [Homo sapiens (human)]
Official Symbol	PGF
Synonyms	PGF; placental growth factor; PGFL; PIGF; PLGF; PIGF-2; D12S1900; SHGC-10760; placenta growth factor; placental growth factor, vascular endothelial growth factor-related protein
Gene ID	5228
mRNA Refseq	NM_002632
Protein Refseq	NP_002623
MIM	601121
UniProt ID	P49763

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SDS-PAGE



3 μ g by SDS-PAGE under reducing condition and visualized by coomassie blue stain

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