

Recombinant Human PGF Protein, His-tagged

Cat. No. PGF-417H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human PGF protein with His tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	221
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	Lyophilized
Molecular Mass	20.2 kDa
AA Sequence	MPVMRLFPCFLQLLAGLALPAVPPQQWALSAGNGSSEVEVVPFQEVWGRSYCRAL ERLVDVVSEYPSVEVHMFSPSCVSLLRCTGCCGDENLHCVPVETANVTMQLLKIRS GDRPSYVELTFSQHVRCERHSPGRQSPDMPGDFRADAPSFLPPRRSLPMLFRME WGCALTGSQSAVWPSSPVPEEIPRMHPGRNGKKQQRKPLREKMKPERCGDAVPR R
Purity	> 98%
Applications	WB; ELISA; FACS; FC

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Stability	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
Storage	At -20 centigrade.
Concentration	1 mg/mL
Storage Buffer	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
Reconstitution	Reconstitute in sterile distilled H2O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

GENE INFORMATION

Gene Name	PGF placental growth factor [Homo sapiens (human)]
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

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Protein Refseq NP_001193941

MIM 601121

UniProt ID P49763

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