

## Recombinant Human PGF

Cat. No. PGF-30907TH Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant full length Human PLGF expressed in modified human 293 cells.
<b>Species</b>	Human
<b>Description</b>	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.
<b>Form</b>	Lyophilised: It is recommended that 0.5 ml of sterile phosphate-buffered saline be added to the vial. Following reconstitution short-term storage at 4°C is recommended, with longer-term storage in aliquots at -18 to -20°C. Repeated freeze thawing is not rec
<b>Purity</b>	>95% by SDS-PAGE
<b>Storage buffer</b>	Preservative: None Constituents: 10% Trehalose, 1% Human serum albumin
<b>Storage</b>	Store at +4°C.
<b>Sequences of amino acids</b>	Theoretical Sequence: LPAVPPQQWALSAGNGSSEVEVVPFQEVW GRSYCRALERL VDVVSEYPSEVEHMFSPSCVSLLRCTG CCGDENLHCVPVETANVTMQLLKIRSGD RPSYVELTFS QHVRCECRPLREKMKPERCGDAVPRR
<b>Full Length</b>	Full L.

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## GENE INFORMATION

<b>Gene Name</b>	PGF placental growth factor [ Homo sapiens ]
<b>Official Symbol</b>	PGF
<b>Synonyms</b>	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;
<b>Gene ID</b>	5228
<b>mRNA Refseq</b>	NM_001207012
<b>Protein Refseq</b>	NP_001193941
<b>MIM</b>	601121
<b>Uniprot ID</b>	P49763
<b>Chromosome Location</b>	14q24.3
<b>Pathway</b>	Bladder cancer, organism-specific biosystem; Bladder cancer, conserved biosystem; Focal Adhesion, organism-specific biosystem; Focal adhesion, organism-specific biosystem; Focal adhesion, conserved biosystem;
<b>Function</b>	growth factor activity; heparin binding;

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