

Recombinant Human PGF Protein, His-tagged

Cat. No. PGF-2583H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PGF Protein (Leu19-Arg170) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Leu19-Arg170
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	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 21.0 kDa Accurate Molecular Mass: 18 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 80%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

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

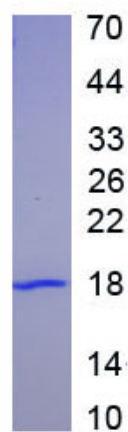
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UniProt ID

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