

Active Recombinant Human PGF Protein

Cat. No. PGF-102H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The mature recombinant human PIGF-4 protein (19-242aa) without tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	19-242 a.a.
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.
Bio-activity	Measured by its binding ability in a functional ELISA. When Recombinant Human VEGF R1/Flt-1 Fc Chimera, aa 27-328 is immobilized at 0.5 µg/mL, 100 µL/well, the concentration of Recombinant Human PIGF-4 that produces 50% of the optimal binding response is approximately 4-24 ng/mL.
Molecular Mass	25 kDa
Product-Related Proteins	19-242
Storage	At -80 centigrade. Avoid repeated freeze-thaw cycles.

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Storage Buffer	PBS
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GENE INFORMATION

Gene Name	PGF placental growth factor [Homo sapiens (human)]
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Official Symbol	PGF
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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
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Gene ID	5228
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mRNA Refseq	NM_002632
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Protein Refseq	NP_002623
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MIM	601121
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UniProt ID	P49763
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