Active Recombinant Human PGF Protein

Cat. No. PGF-100H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The mature recombinant human PlGF-2 protein (19-170aa) without tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	19-170 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 in a cell proliferation assay using MDA-MB-231 human breast cancer cells. The ED50 for this effect is 2-10 μg/mL.
Molecular Mass	17.3 kDa
Product-Related Proteins	19-170
Endotoxin	< 0.1 EU/μg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE

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Storage	At -80 centigrade. Avoid repeated freeze-thaw cycles.
Storage Buffer	PBS

GENE INFORMATION

Gene Name	PGF placental growth factor [Homo sapiens (human)]
Official Symbol	PGF
Synonyms	PGF; placental growth factor; PGFL; PIGF; PLGF; PlGF-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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