

Active Recombinant Human PGF Protein

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

SPECIFICATION

Product Overview	The mature recombinant human PIGF-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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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