

Active Recombinant Human PGF Protein

Cat. No. PGF-099H Lot. No. (See product label)

SPECIFICATION

Product Overview	The mature recombinant human PIGF protein (21-149aa) without tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	21-149 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	When Recombinant Human VEGF R1/Flt-1 Fc Chimera is immobilized at 0.5 µg/mL, 100 µL/well, the concentration of Recombinant Human PIGF that produces 50% of the optimal binding response is approximately 0.15-0.9 ng/mL.
Molecular Mass	15 kDa
Product-Related Proteins	21-149
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.

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; 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](#)

UniProt ID [P49763](#)

 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