

Product datasheet for **TP762420**

PLGF (PGF) (NM_002632) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human placental growth factor (PGF), transcript variant 1, Leu19-Arg131, with N-terminal His tag, expressed in E.coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region (Leu19-Arg131) of PGF
Tag:	N-His
Predicted MW:	12.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	>80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_002623
Locus ID:	5228
UniProt ID:	P49763 , Q53XY6 , Q86TW6
RefSeq Size:	1758
Cytogenetics:	14q24.3
RefSeq ORF:	510
Synonyms:	D12S1900; PGFL; PIGF; PLGF; PIGF-2; SHGC-10760
Summary:	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.[provided by RefSeq, Jun 2011]



[View online »](#)

Protein Families: Druggable Genome, Secreted Protein

Protein Pathways: Bladder cancer, Focal adhesion, mTOR signaling pathway, Pancreatic cancer, Pathways in cancer, Renal cell carcinoma

Product images:



Purified recombinant protein PGF was analyzed by SDS-PAGE gel and Coomassie Blue Staining.