

Product datasheet for **TP333309**

PLGF (PGF) (NM_001207012) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens placental growth factor (PGF), transcript variant 2, full length, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC233309 protein sequence Red =Cloning site Green =Tags(s) XCRS*GCSLASCSSWPGWRCLLCPSSGPCLLGTARQRWKWYPSRKCGAAATAGRWRGWWTSCPSTPARW STCSAHPVSPCCAAPAAAAMRICTVCRWRRPMSPCSS*RSVLGTGPPTWS*RSLSTFAANAGLCGRR*SR KGAAMLFPG TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	Myc-DDK
Predicted MW:	16.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate Bradford method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
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:	<u>NP_001193941</u>
Locus ID:	5228
UniProt ID:	<u>P49763</u> , <u>Q86TW6</u>
RefSeq Size:	1848
Cytogenetics:	14q24.3



[View online »](#)

RefSeq ORF: 447

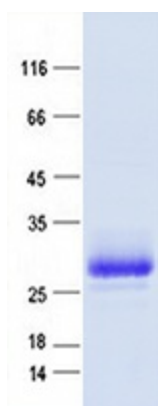
Synonyms: D12S1900; PGFL; PIGF; PLGF; PIGF-2; SHGC-10760

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]

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.