

Product datasheet for **TP723367**

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.
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	LPAVPPQWA LSAGNGSSEV EVVPFQEVWG RSYCRALERL VDVVSEYPSE VEHMFSPSCV SLLRCTGCCG DENLHCVPVE TANVTMQLLK IRSGDRPSYV ELTFSQHVRC ECRHSPGRQS PDMPGDFRAD APSFLPPRRS LPMLFRMEWG CALTGSQSAV WPSSPVPEEI PRMHPGRNGK KQQRKPLREK MKPERCGDAV PRR
Tag:	Tag Free
Predicted MW:	45.7 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Lyophilized from a 0.2 μM filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
Bioactivity:	Determined by its ability to chemoattract human monocytes using a concentration range of 5.0-50.0 ng/ml.
Endotoxin:	Endotoxin level is < 0.1 ng/μg of protein (< 1 EU/μg)
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
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



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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:

