

Product datasheet for TP723367

OriGene Technologies, Inc.

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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 LPAVPPQQWA LSAGNGSSEV EVVPFQEVWG RSYCRALERL VDVVSEYPSE VEHMFSPSCV

or AA Sequence: 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: <u>NP 002623</u>

Locus ID: 5228

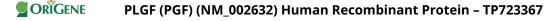
UniProt ID: <u>P49763</u>, <u>Q53XY6</u>, <u>Q86TW6</u>

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]

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:

