

## **Product datasheet for TP762420**

#### 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,

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: <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]



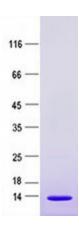


**Protein Families:** Druggable Genome, Secreted Protein

**Protein Pathways:** Bladder cancer, Focal adhesion, mTOR signaling pathway, Pancreatic cancer, Pathways in

cancer, Renal cell carcinoma

# **Product images:**



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