

Bioactive

PIGF2 (Human) Recombinant Protein

Catalog # P6388

Size 25 ug

Specification

Product Description	Human PIGF2 (P49763-3) recombinant protein expressed in <i>E. Coli</i> .
Sequence	LPAVPPQQWALSAGNGSSEVEVVPFQEVWGRSYCRALERLVDVVSEYPSEVEHMFSPSCVSL LRCTGCCGDENLHCVPVETANVTMQLLKIRSGDRPSYVELTFSQHVRCECRPLREKMKPERRRP KGRGKRRREKQRPTDCHLCGDAVPRR
Host	Escherichia coli
Theoretical MW (kDa)	17
Form	Lyophilized
Purity	> 95%
Endotoxin Level	<= 1 EUs/ug (LAL gel clot method)
Activity	Determined by the ability to chemoattract human THP-1 cells of using a concentration range of 5-50 ng/mL.
Storage Buffer	Lyophilized from PBS, pH 7.2.
Storage Instruction	Stored at -20°C to -80°C. After reconstitution with sterile water not less than 0.1 mg/mL, store at -20°C to -80°C for 6 months, store at 4°C for 1 month. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Functional Study

Gene Info — PGF

Entrez GeneID	5228
Protein Accession#	P49763-3
Gene Name	PGF
Gene Alias	D12S1900, PGFL, PLGF, PIGF-2, SHGC-10760
Gene Description	placental growth factor
Omim ID	601121
Gene Ontology	Hyperlink
Gene Summary	vascular endothelial growth factor-related protein placental growth factor-like
Other Designations	placenta growth factor placental growth factor, vascular endothelial growth factor-related protein placental growth factor-like

Pathway

- [Bladder cancer](#)
- [Cytokine-cytokine receptor interaction](#)
- [Focal adhesion](#)
- [mTOR signaling pathway](#)
- [Pancreatic cancer](#)
- [Pathways in cancer](#)
- [Renal cell carcinoma](#)

Disease

- [Amyotrophic lateral sclerosis](#)
- [Anoxia](#)
- [Chorioamnionitis](#)

- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Obstetric Labor](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)