

Bioactive

PGF (Human) Recombinant Protein

Catalog # P9036 Size 2 x 10 ug

Specification

Product Description	Human PGF (P49763) recombinant protein expressed in <i>Escherichia coli</i> .
Sequence	MLPAVPPQQWALSAGNGSSEVEVVPFQEVWGRSYCRALERLVDVVSEYPSEVEHMFSPSCVS LLRCTGCCGDENLHCVPVETANVTMQLLKIRSGDRPSYVELTFSQHVRCECRPLREKMKPERCG DAVPRR.
Host	Escherichia coli
Theoretical MW (kDa)	29.7
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 95% by HPLC and SDS PAGE
Activity	Determined by the ability to chemoattract human monocytes of using a concentration range of 1.0-10 .0 ng/mL.
Storage Buffer	Lyophilized from 10mM Sodium Phosphate pH 7.5.
Storage Instruction	Store at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles.

Applications

- Functional Study
- SDS-PAGE

Gene Info — PGF

Entrez GeneID [5228](#)

Protein Accession#	P49763
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](#)