PGF (Human) Recombinant Protein

Catalog # P9038 Size 2 x 10 ug

Specification

Product Description	Human PGF (P49763, 19 a.a. - 131 a.a.) partial-length recombinant protein with His tag at N-Termin us expressed in *Escherichia coli*.
Sequence	MKHHHHHHASLPAVPPQQWALSAGNGSSEVEVVPFQEVWGRSYCRALERLVDVVSEYPSEVE HMFSPSCVSLLRCTGCCGDENLHCVPVETANVTMQLLKIRSGDRPSYVELTFSQHVRCECR.
Host	Escherichia coli
Theoretical MW (kDa)	13.8
Form	Lyophilized
Preparation Method	*Escherichia coli* expression system
Purity	> 95% by SDS PAGE
Storage Buffer	Lyophilized from PBS and 5% w/v trehalose, pH 7.4.
Storage Instruction	Store at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles.

Applications

- SDS-PAGE

Gene Info — PGF

Entrez GeneID	5228
Protein Accession#	P49763
Gene Name	PGF
Gene Alias	D12S1900, PGFL, PLGF, PlGF-2, SHGC-10760

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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

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