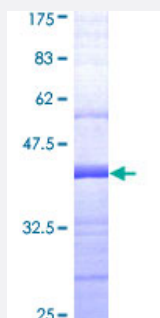


PGF (Human) Recombinant Protein (Q01)

Catalog # H00005228-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human PGF partial ORF (AAH01422, 27 a.a. - 126 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	WALSAGNGSSEVEVVPFQEYVWGRSYCRALERLVDVVSEYPSEVEHMFSPSCVSLLRCTGCCG DENLHCVPVETANVTMQLLKIRSGDRPSYVELTFSQHV
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
Interspecies Antigen Sequence	Mouse (70); Rat (68)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — PGF

Entrez GeneID	5228
GeneBank Accession#	BC001422
Protein Accession#	AAH01422
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

Publication Reference

- [The regulation of epithelial cell proliferation and growth by IL-1 receptor antagonist.](#)

Kondo M, Yamato M, Takagi R, Namiki H, Okano T.

Biomaterials 2013 Jan; 34(1):121.

Application: Func, Rat, Rat epithelial cells

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](#)