

Bioactive

PGF (Human) Recombinant Protein

Catalog # P9040

Size 2 x 10 ug

Specification

Product Description	Human PGF (P49763) recombinant protein expressed in <i>Baculovirus</i> .
Host	Nicotiana benthamiana
Theoretical MW (kDa)	44
Form	Lyophilized
Preparation Method	<i>Baculovirus</i> expression system
Purity	> 80% by HPLC and SDS PAGE
Activity	PIGF-2 human Recombinant can bind to immobilized rh-sFlt-1 (100 ng/well) with a linear range at 0.3 –10 ng/mL.
Storage Buffer	Lyophilized from BSA.
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](#)