

Bioactive

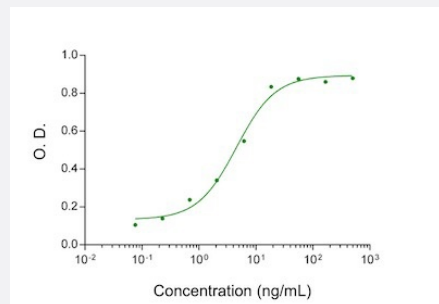
HuPro®

PDGFC (Human) Recombinant Protein

Catalog # P7348

Size 10 ug

Applications



Result of activity analysis

Result of activity analysis

Specification

Product Description	Human PDGFC (Q9NRA1, 235 a.a. - 345 a.a) partial recombinant protein expressed in HEK293 cells.
Sequence	VVDLNLLEEVRLYSCTPRNFSVSIREELKRTDTIFWPGCLLVKRCGGNCACCLHNCNECQCVPS KVTKKYHEVLQLRPKTGVRGLHKS LTDVALEHHEECDVCVRGSGTG
Host	Human
Theoretical MW (kDa)	15 - 19
Form	Lyophilized
Preparation Method	Mammalian cell (HEK 293) expression system
Purity	> 95% as analyzed by SDS-PAGE.
Endotoxin Level	< 0.2 EU/ug of protein by gel clotting method
Activity	ED ₅₀ < 1.0 ng/mL, measured in a cell proliferation assay using 3T3 cells.
Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.

Storage Buffer	Lyophilized from PBS. Reconstitute the lyophilized powder in ddH ₂ O up to 100 ug/mL.
Storage Instruction	Store at 4°C to 8°C for 1 week. For long term storage store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Result of activity analysis Result of activity analysis

Applications

- Functional Study
- SDS-PAGE

Gene Info — PDGFC

Entrez GeneID	56034
Protein Accession#	Q9NRA1
Gene Name	PDGFC
Gene Alias	FALLOTEIN, SCDGF
Gene Description	platelet derived growth factor C
Omim ID	608452
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the platelet-derived growth factor family. The four members of this family are mitogenic factors for cells of mesenchymal origin and are characterized by a core motif of eight cysteines. This gene product appears to form only homodimers. It differs from the platelet-derived growth factor alpha and beta polypeptides in having an unusual N-terminal domain, the CUB domain. [provided by RefSeq]
Other Designations	platelet-derived growth factor C secretory growth factor-like protein spinal cord-derived growth factor

Pathway

- [Cytokine-cytokine receptor interaction](#)

- [Focal adhesion](#)
- [Gap junction](#)
- [Melanoma](#)
- [Prostate cancer](#)
- [Regulation of actin cytoskeleton](#)

Disease

- [Cardiovascular Diseases](#)
- [Chorioamnionitis](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Obstetric Labor](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)