

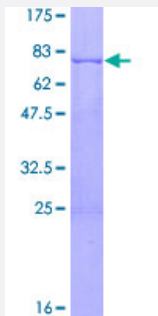
Full-Length

PDGFC (Human) Recombinant Protein (P01)

Catalog # H00056034-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human PDGFC full-length ORF (NP_057289.1, 1 a.a. - 345 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSLFGLLLTSALAGQRQGTQAESNLSSKFQFSSNKEQNGVQDPQHERIITVSTNGSIHSPRFPHT
YPRNTVLVWRLVAVEENVWIQLTFDERFGLEDPEDDICKYDFVEVEEPSDGTILGRWCGSGTVP
GKQISKGNQIRIRFVSDEYFPSEPGFCIHYNVMPQFTEAVSPSVLPPSALPLDLLNNAITAFSTLED
LIRYLEPERWQLDLEDLYRPTWQLLGKAFVFGKRSRVVDLNLLEEVRLYSCTPRNFSVSIREELK
RTDTIFWPGCLLVKRCGGNCACCLHNCNECQCVP SKVTKKYHEVLQLRPKTGVRGLHKSLTDVA
LEHHEECDVCRCGSTGG

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

65.4

Interspecies Antigen Sequence

Mouse (86); Rat (85)

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 — PDGFC

Entrez GeneID[56034](#)**GeneBank Accession#**[NM_016205.1](#)**Protein Accession#**[NP_057289.1](#)**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](#)