

Bioactive

PDGFC (Human) Recombinant Protein

Catalog # P9015

Size 20 ug

Specification

Product Description	Human PDGFC (Q9NRA1, 235 a.a. - 345 a.a.) partial-length recombinant protein with His tag at N-Terminus expressed in <i>Escherichia coli</i> .
Sequence	MHHHHHHVVDLNLLEEVRYSCTPRNFSVSIREELKRTDTIFWPGCLLVKRCGGNCACCLHNCN ECQCVPSKVTKKYHEVLQLRPKTGVRGLHKSLTDVALEHHEECDCVCRGSTGG.
Host	<i>Escherichia coli</i>
Theoretical MW (kDa)	26.8
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 97% by SDS PAGE
Activity	The ED ₅₀ as measured in a proliferation assay using mouse NR6R-3T3 cells, is less than 350 ng/mL.
Storage Buffer	Lyophilized from Acetonitrile and TFA.
Storage Instruction	Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

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](#)