

Active Recombinant Human PDGFC protein, His-tagged

Cat. No. PDGFC-441H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PDGFC protein, His-tagged(NP_057289)(235-345 aa), fused with His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	235-345 aa
Form	Lyophilized from 0.2 µ filtered concentrated solution in 30 % Acetonitrile and 0.1 % TFA.
Bio-activity	Measured in a cell proliferation assay using NR6R-3T3 mouse fibroblast cells. The ED50 for this effect is 70-350 ng/mL.
Molecular Mass	Approximately 27 kDa, a disulfide-linked homodimer of two 117 amino acid, C-terminal polyhistidine tagged proteins.
Endotoxin	Less than 0.1 EU/g of rHuPDGF-CC as determined by LAL method.
Purity	> 97 % by SDS-PAGE analyses.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. - 12 months from date of receipt, -20 to -70 °C as supplied. - 1 month, 2 to 8 °C under sterile conditions after reconstitution. - 3 months, -20 to -70 °C under sterile conditions after

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reconstitution.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at $\leq -20^{\circ}\text{C}$. Further dilutions should be made in appropriate buffered solutions.

GENE INFORMATION

Gene Name PDGFC platelet derived growth factor C [Homo sapiens]

Official Symbol PDGFC

Synonyms PDGFC; platelet derived growth factor C; platelet-derived growth factor C; fallotein; SCDGF; PDGF-C; VEGF-E; spinal cord-derived growth factor; secretory growth factor-like protein; FALLOTEIN;

Gene ID 56034

mRNA Refseq NM_016205

Protein Refseq NP_057289

MIM 608452

UniProt ID Q9NRA1

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