

## Active Recombinant Human PDGFC protein(Val235-Gly345), hFc-tagged

Cat. No. PDGFC-206H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human PDGFC (NP_057289.1) (Val 235-Gly 345) was expressed in HEK293 with the fused Fc region of Human IgG1 at the N-terminus.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Val235-Gly345
<b>Form</b>	Lyophilized from sterile 100mM Glycine, 10mM NaCl, 50mM Tris, pH 7.5. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Bio-activity</b>	Measured in a cell proliferation assay using Balb/3T3 mouse embryonic fibroblast cells. The ED50 for this effect is typically 0.5-3 µg/mL.
<b>Molecular Mass</b>	The recombinant human PDGFC/Fc is a disulfide-linked homodimeric protein. The reduced monomer consists of 348 amino acids and predicts a molecular mass of 39 kDa. As a result of glycosylation, rh PDGFC/Fc monomer is approximately 45 kDa in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 97 % as determined by SDS-PAGE

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**Storage** Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## 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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