

## Recombinant Human PDGFRB protein, Fc-His-tagged

Cat. No. PDGFRB-3843H Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Recombinant Human PDGFRB protein(NP\_002600.1)(Met 1-Lys 531) was expressed in HEK293, fused with the C-terminal polyhistidine-tagged Fc region of human IgG1 at the C-terminus.

**Species** Human

**Source** HEK293

**ProteinLength** 1-531 aa

**Form** Lyophilized from sterile PBS, pH 7.4.

**Molecular Mass** The secreted recombinant human PDGFR $\beta$ /Fc is a disulfide-linked homodimer. The reduced monomer comprises 747 amino acids and predicts a molecular mass of 84.2 kDa. It migrates as an approximately 125-135 kDa band in SDS-PAGE under reducing conditions due to glycosylation.

**Endotoxin** < 1.0 EU per  $\mu$ g protein as determined by the LAL method.

**Purity** >70 % as determined by SDS-PAGE

**Storage** Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

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**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** PDGFRB platelet-derived growth factor receptor, beta polypeptide [ Homo sapiens ]

**Official Symbol** PDGFRB

**Synonyms** PDGFRB; platelet-derived growth factor receptor, beta polypeptide; PDGFR; platelet-derived growth factor receptor beta; CD140b; JTK12; PDGFR1; PDGFR-beta; PDGFR-beta; CD140 antigen-like family member B; platelet-derived growth factor receptor 1; beta-type platelet-derived growth factor receptor; CD140B; PDGFR-1;

**Gene ID** 5159

**mRNA Refseq** NM\_002609

**Protein Refseq** NP\_002600

**MIM** 173410

**UniProt ID** P09619

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