

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 β /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 μ 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](#)

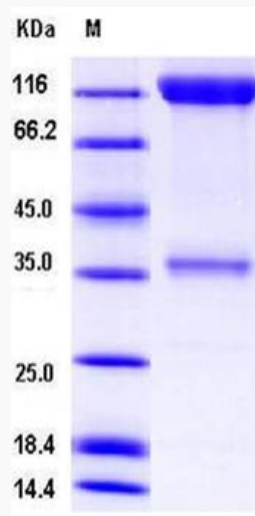
UniProt ID [P09619](#)

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SDS-PAGE



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