

Active Recombinant Human PDGFRB protein, His-tagged

Cat. No. PDGFRB-2187H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human PDGFRB protein(NP_002600.1)(Met 1-Lys 531) was expressed in HEK293, with a C-terminal polyhistidine tag.
Species	Human
Source	HEK293
ProteinLength	1-531 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized PDGFRβ-His at 10 µg/ml (100 µl/well) can bind Cynomolgus PDGFB, The EC50 of Cynomolgus PDGFB is 3-8 ng/ml.
Molecular Mass	The secreted recombinant human PDGFRβ comprises 510 amino acids and predicts a molecular mass of 57.6 kDa. It migrates as an approximately 95-100 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 90 % 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-

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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 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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