

# Active Recombinant Human PDGFRB Protein

**Cat. No.** PDGFRB-675H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                   |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Active Recombinant Human PDGFRB Protein(NP_002600.1) (Met 1-Lys 531) was expressed in HEK293 with six amino acids (ENLYFQ) at the C-terminus.                                                     |
| <b>Species</b>          | Human                                                                                                                                                                                             |
| <b>Source</b>           | HEK293                                                                                                                                                                                            |
| <b>ProteinLength</b>    | 1-531 aa                                                                                                                                                                                          |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4.                                                                                                                                                             |
| <b>Bio-activity</b>     | Measured by its binding ability in a functional ELISA. Immobilized human PDGFR $\beta$ at 10 $\mu$ g/ml (100 $\mu$ l/well) can bind Cynomolgus PDGFB, The EC50 of Cynomolgus PDGFB is 3-7 ng/ml.  |
| <b>Molecular Mass</b>   | The recombinant human PDGFR $\beta$ consists of 506 amino acids and predicts a molecular mass of 57.1 KDa. It migrates as an approximately 92-116 KDa band in SDS-PAGE under reducing conditions. |
| <b>Endotoxin</b>        | < 1.0 EU per $\mu$ g protein as determined by the LAL method.                                                                                                                                     |
| <b>Purity</b>           | > 95 % as determined by SDS-PAGE                                                                                                                                                                  |
| <b>Storage</b>          | 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

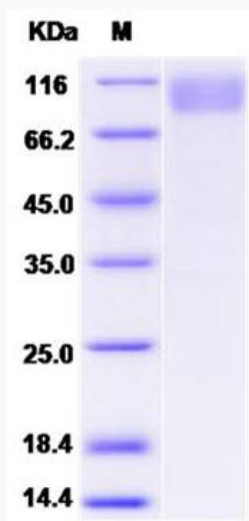
**UniProt ID** P09619

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## SDS-PAGE



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