

## Active Recombinant Human PDGFRB Protein, Myc-His-tagged

Cat. No. PDGFRB-4847H Lot. No. (See product label)

### SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Recombinant Human PDGFRB Protein(P09619-1)(Leu33-Lys531(S180F)), fused with a Myc tag and a His tag at the C-terminus, was expressed in HEK293.  |
| <b>Species</b>          | Human  |
| <b>Source</b>           | HEK293   |
| <b>ProteinLength</b>    | 33-531 aa  |
| <b>Form</b>             | Lyophilized from 0.22 µm filtered solution in PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.   |
| <b>Bio-activity</b>     | Immobilized Human PDGFR beta (Myc tag, His tag) at 0.5 µg/mL (100 µL/well) can bind Human PDGFB (hFc tag) with a linear range of 1-5 ng/mL.  |
| <b>Molecular Mass</b>   | 61.6 kDa   |
| <b>Endotoxin</b>        | <0.1 EU/µg protein, LAL method.  |
| <b>Purity</b>           | >90%, SDS-PAGE.  |
| <b>Storage</b>          | It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. Until expiry date, -20°C to -80 as lyophilized proteins. 3 months, -20°C to -80°C under sterile conditions after reconstitution. |

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|-------------------------------|---|
| <b>Reconstitution</b>         | 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. |
| <b>protein Refseq-Weblink</b> | <a href="http://www.ncbi.nlm.nih.gov/protein/NP_002600.1">http://www.ncbi.nlm.nih.gov/protein/NP_002600.1</a>   |
| <b>Unit ID</b>                | P09619  |
| <b>Unit ID-Weblink</b>        | <a href="https://www.uniprot.org/uniprot/P09619">https://www.uniprot.org/uniprot/P09619</a>   |

## GENE INFORMATION

|                        |   |
|------------------------|---|
| <b>Gene Name</b>       | PDGFRB platelet-derived growth factor receptor, beta polypeptide [ Homo sapiens ]   |
| <b>Official Symbol</b> | PDGFRB  |
| <b>Synonyms</b>        | 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; |
| <b>Gene ID</b>         | 5159  |
| <b>mRNA Refseq</b>     | NM_002609   |
| <b>protein Refseq</b>  | NP_002600   |
| <b>MIM</b>             | 173410  |
| <b>SDS-PAGE</b>        |   |

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