

# Active Recombinant Human PDGFRB protein, hFc&His-tagged

**Cat. No.** PDGFRB-2657H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                            |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Active Recombinant Human PDGFR-beta/CD140b(E241D) Protein is produced by HEK293 expression system. The target protein is expressed with sequence (Leu33-Phe530 (Glu241Asp)) of human PDGFRB/CD140b (Accession #NP_002600.1) fused with an Fc, 6×His tag at the C-terminus. |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                      |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                     |
| <b>ProteinLength</b>    | Leu33-Phe530 (Glu241Asp)                                                                                                                                                                                                                                                   |
| <b>Form</b>             | Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.                                                                                                                                                                                                               |
| <b>Bio-activity</b>     | Measured by its binding ability in a functional ELISA. Immobilized recombinant Human PDGF-B at 2 µg/mL (100 µL/well) can bind recombinant Human PDGFRB. The EC50 of Human PDGFRB is 30.48 ng/mL.                                                                           |
| <b>Molecular Mass</b>   | 110-140 kDa                                                                                                                                                                                                                                                                |
| <b>Endotoxin</b>        | < 0.1 EU/µg of the protein by LAL method.                                                                                                                                                                                                                                  |
| <b>Purity</b>           | > 90% by SDS-PAGE.                                                                                                                                                                                                                                                         |
| <b>Storage</b>          | Store the lyophilized protein at -20°C to -80 °C for long term.<br>After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for                                                                                                              |

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up to 1 week.

**Reconstitution** Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

## 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

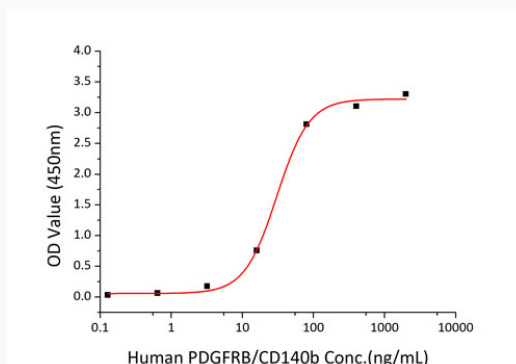
**UniProt ID** P09619

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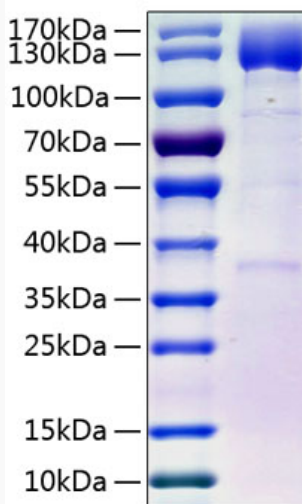
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## Bio-activity



## SDS-PAGE



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