

## Recombinant Human PDGFRB protein, His-GST-tagged

**Cat. No.** PDGFRB-5633H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human PDGFRB protein(P09619)(901-1106aa), fused with N-terminal His and GST tag, was expressed in E.coli.                                                                                                                                                                                              |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                              |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                             |
| <b>ProteinLength</b>    | 901-1106aa                                                                                                                                                                                                                                                                                                         |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.                                                                                 |
| <b>Molecular Mass</b>   | 54.6 kDa                                                                                                                                                                                                                                                                                                           |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                        |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                     |
| <b>Reconstitution</b>   | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. |

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**AA Sequence**

GTPYPELPMNEQFYNAIKRGYRMAQPAHASDEIYEQKWCWEEKFEIRPPFSQLVLL  
 LERLLGEGYKKKYQQVDEEFLRSDHPAILRSQARLPGFHGLRSPLDTSSVLYTAVQP  
 NEGDNDYIIPDPKPEVADEGPLEGSPSLASSTLNEVNTSSTISCDSPLEPQDEPEP  
 EPQLELQVEPEPELEQLPDSGCPAPRAEAEDSFL

## 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

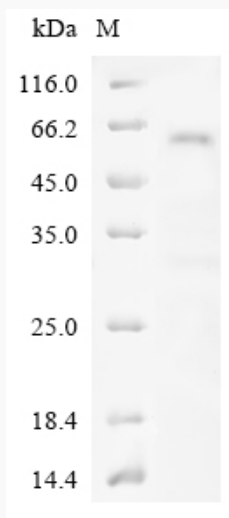
**UniProt ID** P09619

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## SDS-PAGE



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