

## Active Recombinant Human PDGFRA protein

**Cat. No.** PDGFRA-825H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Active Recombinant Human PDGFRA protein(NP_006197.1)(Met 1-Glu 524) with five amino acids (DDDDK) at the C-terminus was expressed and purified in HEK293.                                                      |
| <b>Species</b>          | Human                                                                                                                                                                                                          |
| <b>Source</b>           | HEK293                                                                                                                                                                                                         |
| <b>ProteinLength</b>    | 1-524 aa                                                                                                                                                                                                       |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4.                                                                                                                                                                          |
| <b>Bio-activity</b>     | Measured by its ability to bind mouse PDGF-C in functional ELISA.                                                                                                                                              |
| <b>Molecular Mass</b>   | The recombinant human PDGFRA consists of 507 amino acids and predicts a molecular mass of 56.8 kDa. By SDS-PAGE, the apparent molecular mass of rhPDGFRA is approximately 90-100 kDa due to the glycosylation. |
| <b>Endotoxin</b>        | < 1.0 EU per µg 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-thaw cycles.                           |

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**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** PDGFRA platelet-derived growth factor receptor, alpha polypeptide [ Homo sapiens ]

**Official Symbol** PDGFRA

**Synonyms**

PDGFRA; platelet-derived growth factor receptor, alpha polypeptide; platelet-derived growth factor receptor alpha; CD140a; PDGFR2; PDGFR-alpha; PDGF-R-alpha; CD140a antigen; PDGFRA/BCR fusion; CD140 antigen-like family member A; platelet-derived growth factor receptor 2; alpha-type platelet-derived growth factor receptor; rearranged-in-hypereosinophilia-platelet derived growth factor receptor alpha fusion protein; CD140A; PDGFR-2; RHEPDGFRA; MGC74795;

**Gene ID** 5156

**mRNA Refseq** NM\_006206

**Protein Refseq** NP\_006197

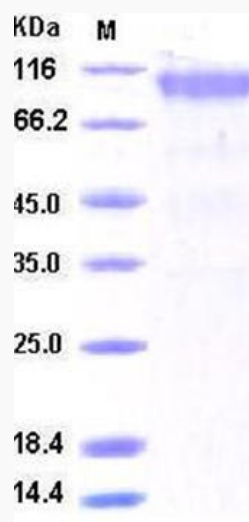
**MIM** 173490

**UniProt ID** P16234

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**SDS-PAGE**

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