

# Recombinant Human PDGFRB Protein, His-tagged, FITC conjugated

Cat. No. PDGFRB-2187HF Lot. No. (See product label)

## SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | FITC conjugated recombinant human PDGFRB (NP_002600.1) extracellular domain (Met 1-Lys 531), fused with a C-terminal polyhistidine tag, was produced in Human Cell.                                      |
| <b>Species</b>          | Human  |
| <b>Source</b>           | HEK293   |
| <b>ProteinLength</b>    | 510  |
| <b>Form</b>             | Lyophilized  |
| <b>Molecular Mass</b>   | The secreted recombinant human PDGFR $\beta$ comprises 510 amino acids and predicts a molecular mass of 57.6 kDa. It migrates as an approximately 95-100 kDa band in SDS-PAGE under reducing conditions. |
| <b>Endotoxin</b>        | < 1.0 EU/ $\mu$ g of the protein as determined by the LAL method.  |
| <b>Characteristic</b>   | Disulfide-linked homodimer<br>Labeled with FITC via amines<br>Excitation source: 488 nm spectral line, argon-ion laser<br>Excitation Wavelength: 488 nm<br>Emission Wavelength: 535 nm                   |

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|                       |   |
|-----------------------|---|
| <b>Stability</b>      | Samples are stable for up to 12 months from date of receipt at -70 centigrade.  |
| <b>Storage</b>        | Store it under sterile conditions at -20 to -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.       |
| <b>Storage Buffer</b> | Lyophilized from sterile PBS, pH 7.4  |
| <b>Reconstitution</b> | It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents. |
| <b>Conjugation</b>    | FITC  |

## GENE INFORMATION

|                        |   |
|------------------------|---|
| <b>Gene Name</b>       | PDGFRB platelet-derived growth factor receptor, beta polypeptide [ Homo sapiens ] |
| <b>Official Symbol</b> | PDGFRB  |
| <b>Gene ID</b>         | 5159  |
| <b>mRNA Refseq</b>     | NM_002609   |
| <b>Protein Refseq</b>  | NP_002600   |
| <b>MIM</b>             | 173410  |
| <b>UniProt ID</b>      | P09619  |

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