

# Recombinant Human PDGFRA Protein, His/GST-tagged, Alexa Fluor 647 conjugated

**Cat. No.** PDGFRA-7290HAF647    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Alexa Fluor 647 conjugated recombinant human PDGFRA (P16234-1) (Gln551-Leu1089), fused with the N-terminal polyhistidine-tagged GST tag, was produced in Baculovirus-Insect cells.                                             |
| <b>Species</b>          | Human                                                                                                                                                                                                                          |
| <b>Source</b>           | Insect Cells                                                                                                                                                                                                                   |
| <b>ProteinLength</b>    | 776                                                                                                                                                                                                                            |
| <b>Form</b>             | Lyophilized                                                                                                                                                                                                                    |
| <b>Molecular Mass</b>   | The recombinant human PDGFRA /GST chimera consists of 776 amino acids and has a calculated molecular mass of 89.2 kDa. The recombinant protein migrates as an approximately 92 kDa band in SDS-PAGE under reducing conditions. |
| <b>Endotoxin</b>        | < 1.0 EU/ µg of the protein as determined by the LAL method.                                                                                                                                                                   |
| <b>Characteristic</b>   | Disulfide-linked homodimer<br>Labeled with Alexa Fluor 647 via amines<br>Excitation = 650 nm<br>Emission = 668 nm                                                                                                              |
| <b>Stability</b>        | Samples are stable for up to 12 months from date of receipt at -70 centigrade.                                                                                                                                                 |

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|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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 a 0.2 µm filtered solution of 20 mM Tris, 500 mM NaCl, pH 7.4, 10% gly, 3 mM DTT                                                                         |
| <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>    | Alexa Fluor 647                                                                                                                                                           |

## GENE INFORMATION

|                        |                                                                                    |
|------------------------|------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | PDGFRA platelet-derived growth factor receptor, alpha polypeptide [ Homo sapiens ] |
| <b>Official Symbol</b> | PDGFRA                                                                             |
| <b>Gene ID</b>         | 5156                                                                               |
| <b>mRNA Refseq</b>     | NM_006206                                                                          |
| <b>Protein Refseq</b>  | NP_006197                                                                          |
| <b>MIM</b>             | 173490                                                                             |
| <b>UniProt ID</b>      | P16234                                                                             |

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