

# Recombinant Human PDGFRA Protein, Fc-tagged, Alexa Fluor 647 conjugated

**Cat. No.** PDGFRA-824HAF647    **Lot. No.** (See product label)

## SPECIFICATION

**Product Overview**      Alexa Fluor 647 conjugated recombinant human PDGFRA extracellular domain (Met 1-Glu 524) (NP\_006197.1), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cell.

**Species**      Human

**Source**      HEK293

**ProteinLength**      739

**Form**      Lyophilized

**Molecular Mass**      The recombinant human PDGFR $\alpha$ /Fc is a disulfide-linked homodimeric protein after removal of the signal peptide. The reduced monomer consists of 739 amino acids and predicts a molecular mass of 82.9 kDa. By SDS-PAGE under reducing conditions, the apparent molecular mass of rhPDGFR $\alpha$ /Fc is approximately 120-130 kDa due to the glycosylation.

**Endotoxin**      < 1.0 EU/  $\mu$ g of the protein as determined by the LAL method.

**Characteristic**      Disulfide-linked homodimer  
Labeled with Alexa Fluor 647 via amines  
Excitation = 650 nm  
Emission = 668 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>	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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