

Recombinant Human PDGFRA Protein, Fc-tagged, FITC conjugated

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

SPECIFICATION

Product Overview FITC 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 α /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 α /Fc is approximately 120-130 kDa due to the glycosylation.

Endotoxin < 1.0 EU/ μ g of the protein as determined by the LAL method.

Characteristic
 Disulfide-linked homodimer
 Labeled with FITC via amines
 Excitation source: 488 nm spectral line, argon-ion laser
 Excitation Wavelength: 488 nm

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	Emission Wavelength: 535 nm
Stability	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
Storage	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.
Storage Buffer	Lyophilized from sterile PBS, pH 7.4
Reconstitution	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.
Conjugation	FITC

GENE INFORMATION

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

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