Recombinant Human PDGFRA Protein, Fc-tagged, Alexa Fluor 555 conjugated

Cat. No. PDGFRA-824HAF555 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 555 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 PDGFRα/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 rhPDGFRα/Fc is approximately 120-130 kDa due to the glycosylation.
Endotoxin	< 1.0 EU/ μg of the protein as determined by the LAL method.
Characteristic	Disulfide-linked homodimer Labeled with Alexa Fluor 555 via amines With an excitation and emission maximum of 555/565 nm, Alexa Fluor 555 can be efficiently excited using a 543 nm He-Ne laser line and detected under standard

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	TRITC/Cy3 filters.
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	Alexa Fluor 555

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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