

Recombinant Human PDGFRB Protein, Fc/His-tagged, Alexa Fluor 555 conjugated

Cat. No. PDGFRB-3843HAF555 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 555 conjugated recombinant human PDGFRB (NP_002600.1) extracellular domain (Met 1-Lys 531), fused with the polyhistidine-tagged Fc region of human IgG1 at the C-terminus, was produced in Human Cell.
Species	Human
Source	HEK293
ProteinLength	747
Form	Lyophilized
Molecular Mass	The secreted recombinant human PDGFR β /Fc is a disulfide-linked homodimer. The reduced monomer comprises 747 amino acids and predicts a molecular mass of 84.2 kDa. It migrates as an approximately 125-135 kDa band in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU/ μ g 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 TRITC/Cy3 filters.

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

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