

Recombinant Human PDGFRB Protein, ENLYFQ-tagged, Alexa Fluor 555 conjugated

Cat. No. PDGFRB-471HAF555 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 555 conjugated recombinant human PDGFRB extracellular domain (NP_002600.1) (Met1-Lys531), fused with six amino acids (ENLYFQ) at the C-terminus, was produced in Human Cells.
Species	Human
Source	HEK293
ProteinLength	506
Form	Lyophilized
Molecular Mass	The recombinant human PDGFR β consists of 506 amino acids and predicts a molecular mass of 57.1 kDa. It migrates as an approximately 92-116 kDa band in SDS-PAGE under reducing conditions.
N-terminal Sequence Analysis	Leu 33
Endotoxin	< 1.0 EU/ μ g of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Characteristic	Disulfide-linked homodimer

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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.

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. Normally 5%-8% trehalose and mannitol are added as protectants before lyophilization.

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

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UniProt ID

P09619

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