

# Recombinant Human PDGFRB Protein, ENLYFQ-tagged, Alexa Fluor 647 conjugated

**Cat. No.** PDGFRB-471HAF647    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Alexa Fluor 647 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.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	506
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	The recombinant human PDGFR $\beta$ 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.
<b>N-terminal Sequence Analysis</b>	Leu 33
<b>Endotoxin</b>	< 1.0 EU/ $\mu$ g of the protein as determined by the LAL method.
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Characteristic</b>	Disulfide-linked homodimer

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	Labeled with Alexa Fluor 647 via amines Excitation = 650 nm Emission = 668 nm
<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. Normally 5%-8% trehalose and mannitol are added as protectants before lyophilization.
<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>	PDGFRB platelet-derived growth factor receptor, beta polypeptide [ Homo sapiens ]
<b>Official Symbol</b>	PDGFRB
<b>Gene ID</b>	5159
<b>mRNA Refseq</b>	NM_002609
<b>Protein Refseq</b>	NP_002600
<b>MIM</b>	173410

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UniProt ID

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