

Recombinant Human PDGFRA Protein, DDDDK-tagged, Alexa Fluor 647 conjugated

Cat. No. PDGFRA-825HAF647 **Lot. No.** (See product label)

SPECIFICATION

Product Overview Alexa Fluor 647 conjugated recombinant human PDGFRA mature form extracellular domain (Met 1-Glu 524) (NP_006197.1), fused with five amino acids (DDDDK) at the C-terminus, was produced in Human Cell.

Species Human

Source HEK293

ProteinLength 507

Form Lyophilized

Molecular Mass The recombinant human PDGFR α consists of 507 amino acids and predicts a molecular mass of 56.8 kDa. By SDS-PAGE, the apparent molecular mass of rhPDGFR α is approximately 90-100 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 Alexa Fluor 647 via amines
Excitation = 650 nm
Emission = 668 nm

Stability Samples are stable for up to 12 months from date of receipt at -70 centigrade.

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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 647

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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