Recombinant Rat Pdgfra Protein, His-tagged, Alexa Fluor 488 conjugated

Cat. No. Pdgfra-52RAF488 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 488 conjugated recombinant Rat Pdgfra (NP_036934.1) (Met1-Glu523), fused with a polyhistidine tag at the C-terminus, was produced in Human Cells.
Species	Rat
Source	HEK293
ProteinLength	511
Form	Lyophilized
Molecular Mass	The recombinant rat PDGFRA comprises 511 amino acids and predicts a molecular mass of 57.6 kDa. The apparent molecular mass of the recombinant protein is approximately 70-110 kDa in SDS-PAGE under reducing conditions.
N-terminal Sequence Analysis	Leu 24
Endotoxin	< 1.0 EU/ μg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Characteristic	Disulfide-linked homodimer Labeled with Alexa Fluor 488 via amines

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	Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
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 488

GENE INFORMATION

Gene Name	Pdgfra platelet derived growth factor receptor, alpha polypeptide [Rattus norvegicus]
Official Symbol	Pdgfra
Gene ID	25267
mRNA Refseq	NM_012802
Protein Refseq	NP_036934

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