Recombinant Rat Pdgfra Protein, Fc-tagged, Alexa Fluor 555 conjugated

Cat. No. Pdgfra-51RAF555 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 555 conjugated recombinant Rat Pdgfra (G3V6A0) (Met1-Glu523), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cells.
Species	Rat
Source	HEK293
ProteinLength	741
Form	Lyophilized
Molecular Mass	The recombinant rat PDGFRA/Fc is a disulfide-linked homodimer. The reduced monomer comprises 741 amino acids and has a predicted molecular mass of 83.2 kDa. The apparent molecular mass of the protein is approximately 112-120 kDa in SDS-PAGE under reducing
N-terminal Sequence Analysis	Leu 24
Endotoxin	< 1.0 EU/ μg of the protein as determined by the LAL method.
Purity	(96.6+2.8) % 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	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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