

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

Cat. No. Pdgfra-52RAF555 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 555 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 555 via amines

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA