

Recombinant Human PDGFRA Protein, Fc-tagged, Alexa Fluor 555 conjugated

Cat. No. PDGFRA-824HAF555 **Lot. No.** (See product label)

SPECIFICATION

Product Overview Alexa Fluor 555 conjugated recombinant human PDGFRA extracellular domain (Met 1-Glu 524) (NP_006197.1), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cell.

Species Human

Source HEK293

ProteinLength 739

Form Lyophilized

Molecular Mass The recombinant human PDGFR α /Fc is a disulfide-linked homodimeric protein after removal of the signal peptide. The reduced monomer consists of 739 amino acids and predicts a molecular mass of 82.9 kDa. By SDS-PAGE under reducing conditions, the apparent molecular mass of rhPDGFR α /Fc is approximately 120-130 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 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

 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

| | |
|-----------------------|---|
| | 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 |
| 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 [Homo sapiens] |
| Official Symbol | PDGFRA |
| Gene ID | 5156 |
| mRNA Refseq | NM_006206 |
| Protein Refseq | NP_006197 |
| MIM | 173490 |
| UniProt ID | P16234 |

 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