Recombinant Rat Pdgfrb Protein, Fc-tagged, Alexa Fluor 647 conjugated

Cat. No. Pdgfrb-36RAF647 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 647 conjugated recombinant Rat Pdgfrb (Q05030) (Met1-Lys530), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cells.
Species	Rat
Source	HEK293
ProteinLength	740
Form	Lyophilized
Molecular Mass	The recombinant rat PDGFRB/Fc is a disulfide-linked homodimer. The reduced monomer comprises 740 amino acids and has a predicted molecular mass of 83.2 kDa. The apparent molecular mass of the protein is approximately 117 kDa in SDS-PAGE under reducing con
N-terminal Sequence Analysis	Leu 32
Endotoxin	< 1.0 EU/ μg of the protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE
Characteristic	Disulfide-linked homodimer

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

	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.
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 647

GENE INFORMATION

Gene Name	Pdgfrb platelet derived growth factor receptor, beta polypeptide [Rattus norvegicus]
Official Symbol	Pdgfrb
Gene ID	24629
mRNA Refseq	NM_031525
Protein Refseq	NP_113713

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