

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

Cat. No. Pdgfrb-8786RAF647 Lot. No. (See product label)

SPECIFICATION

Product Overview Alexa Fluor 647 conjugated recombinant Rat Pdgfrb (Q05030) (Met1-Lys530), fused with a polyhistidine tag at the C-terminus, was produced in Human Cell.

Species Rat

Source HEK293

ProteinLength 510

Form Lyophilized

Molecular Mass The recombinant rat PDGFRB comprises 510 amino acids and predicts a molecular mass of 57.6 kDa. The apparent molecular mass of the recombinant protein is approximately 92 kDa in SDS-PAGE under reducing conditions due to glycosylation.

Endotoxin < 1.0 EU/ µg of the protein as determined by the LAL method.

Characteristic Disulfide-linked homodimer
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.

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

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|-----------------------|---|
| 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 a 0.2 µm filtered solution of 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 647 |

GENE INFORMATION

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|------------------------|--|
| 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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