

Active Recombinant Rat Pdgfrb Protein, hFc-tagged

Cat. No. Pdgfrb-306R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Pdgfrb Protein(Q05030) (Met1-Lys530) was expressed in HEK293, fused with the Fc region of human IgG1 at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	Met1-Lys530
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized mouse PDGF-B at 10µg/mL (100µL/well) can bind rat PDGFRB-Fc, the EC50 of rat PDGFRB-Fc is 0.02-0.2 µg/mL.
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 conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE.

 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

Storage Samples are stable for up to twelve months from date of receipt at -20°C to -80°C
Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [Pdgfrb platelet derived growth factor receptor, beta polypeptide \[Rattus norvegicus \]](#)

Official Symbol [Pdgfrb](#)

Synonyms PDGFRB; platelet derived growth factor receptor, beta polypeptide; platelet-derived growth factor receptor beta; PDGFR-beta; PDGF-R-beta; CD140 antigen-like family member B; platelet-derived growth factor receptor 1; beta platelet-derived growth factor receptor; Platelet-derived growth factor receptor, beta; beta-type platelet-derived growth factor receptor; platelet-derived growth factor receptor beta variant 1; PDGFR-1;

Gene ID [24629](#)

mRNA Refseq [NM_031525](#)

Protein Refseq [NP_113713](#)

 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