

Active Recombinant Rat Pdgfrb Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Rat Pdgfrb Protein(Q05030)(Leu32-Val531) is expressed from HEK293 with His tag at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	32-531 aa
Form	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4).
Bio-activity	Human PDGFB, His Tag immobilized on CM5 Chip can bind Rat PDGF R beta, His Tag with an affinity constant of 67.56 nM as determined in SPR assay.
Molecular Mass	The protein has a predicted MW of 57.36 kDa. Due to glycosylation, the protein migrates to 80-110 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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Reconstitution Dissolve the lyophilized protein in distilled water.

protein Refseq-Weblink http://www.ncbi.nlm.nih.gov/protein/NP_113713.1

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](#)

Bis-Tris PAGE

SPR Data

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