

## Active Recombinant Rat Pdgfrb Protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Pdgfrb Protein(Q05030)(Leu32-Val531) is expressed from HEK293 with His tag at the C-terminus.
<b>Species</b>	Rat
<b>Source</b>	HEK293
<b>ProteinLength</b>	32-531 aa
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4).
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	Less than 1 EU per µg by the LAL method.
<b>Purity</b>	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
<b>Storage</b>	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.

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

**Reconstitution**                      Dissolve the lyophilized protein in distilled water.

**protein Refseq-  
Weblink**                                [http://www.ncbi.nlm.nih.gov/protein/NP\\_113713.1](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**

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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