

Active Recombinant Human PDGFRB protein, His-Avi-tagged, Low Endotoxin

Cat. No. PDGFRB-619H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PDGFRB protein(P09619)(33-530 aa), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	33-530 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human PDGF R beta, His Tag at 0.5µg/ml (100µl/well) on the plate. Dose response curve for Anti-PDGF R beta Antibody, hFc Tag with the EC50 of 3.8ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 59 kDa. Due to glycosylation, the protein migrates to 78-115 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 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

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months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name PDGFRB platelet-derived growth factor receptor, beta polypeptide [Homo sapiens]

Official Symbol PDGFRB

Synonyms PDGFRB; platelet-derived growth factor receptor, beta polypeptide; PDGFR; platelet-derived growth factor receptor beta; CD140b; JTK12; PDGFR1; PDGFR-beta; PDGFR-beta; CD140 antigen-like family member B; platelet-derived growth factor receptor 1; beta-type platelet-derived growth factor receptor; CD140B; PDGFR-1;

Gene ID 5159

mRNA Refseq NM_002609

Protein Refseq NP_002600

MIM 173410

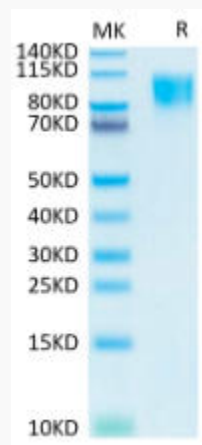
UniProt ID P09619

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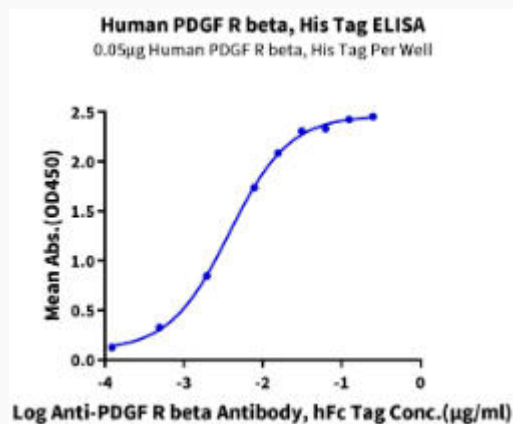
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Bis-Tris PAGE



ELISA Data



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