

## Recombinant Human PDGFRB protein, His-Avi-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human PDGFRB protein(P09619)(Leu33-Phe530), fused with C-terminal His and Avi tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Leu33-Phe530
<b>Tag</b>	C-His-Avi
<b>Form</b>	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
<b>Bio-activity</b>	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 10.9ng/ml determined by ELISA.
<b>Molecular Mass</b>	The protein has a predicted MW of 59 kDa. Due to glycosylation, the protein migrates to 78-115 kDa based on Tris-Bis PAGE result.
<b>Endotoxin</b>	Less than 1EU per µg by the LAL method.
<b>Purity</b>	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC

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<b>Storage</b>	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	PDGFRB platelet-derived growth factor receptor, beta polypeptide [ Homo sapiens ]
<b>Official Symbol</b>	PDGFRB
<b>Synonyms</b>	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;
<b>Gene ID</b>	5159
<b>mRNA Refseq</b>	NM_002609
<b>Protein Refseq</b>	NP_002600
<b>MIM</b>	173410
<b>UniProt ID</b>	P09619

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