

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

Cat. No. PDGFRA-234H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PDGFRA protein(P16234)(24-524 aa), fused with C-terminal His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	24-524 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 alpha, His Tag at 0.5µg/ml (100µl/Well) on the plate. Dose response curve for Anti-PDGF R alpha Antibody, hFc Tag with the EC50 of 9.2ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 59.2 kDa. Due to glycosylation, the protein migrates to 70-83 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 PDGFRA platelet-derived growth factor receptor, alpha polypeptide [Homo sapiens]

Official Symbol PDGFRA

Synonyms PDGFRA; platelet-derived growth factor receptor, alpha polypeptide; platelet-derived growth factor receptor alpha; CD140a; PDGFR2; PDGFR-alpha; PDGF-R-alpha; CD140a antigen; PDGFRA/BCR fusion; CD140 antigen-like family member A; platelet-derived growth factor receptor 2; alpha-type platelet-derived growth factor receptor; rearranged-in-hypereosinophilia-platelet derived growth factor receptor alpha fusion protein; CD140A; PDGFR-2; RHEPDGFRA; MGC74795;

Gene ID 5156

mRNA Refseq NM_006206

Protein Refseq NP_006197

MIM 173490

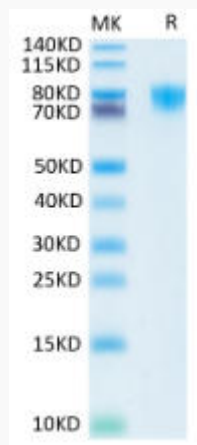
UniProt ID P16234

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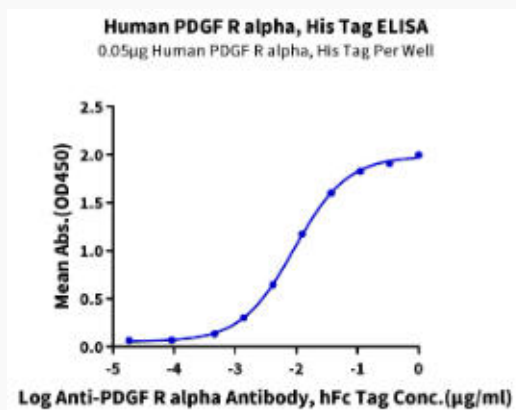
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Bis-Tris PAGE



ELISA Data



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