

Active Recombinant Human PDGFRA Protein, Fc-His-tagged

Cat. No. PDGFRA-2050H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human PDGFRA Protein(NP_006197.1)(Gln24-Glu524) is expressed in HEK293, fused with an Fc, His tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	24-524 aa
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized recombinant Human PDGF-B at 2 µg/mL (100 µL/well) can bind recombinant Human PDGFRA, the EC50 of Human PDGFRA is 109 ng/mL.
Molecular Mass	82.95 kDa
Endotoxin	< 0.1 EU/µg of the protein by LAL method.
Purity	≥ 95 % as determined by SDS-PAGE.
Storage	Store at -20°C. Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

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Reconstitution

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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

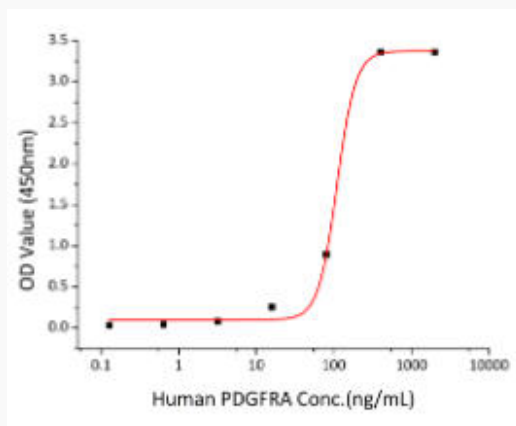
UniProt ID P16234

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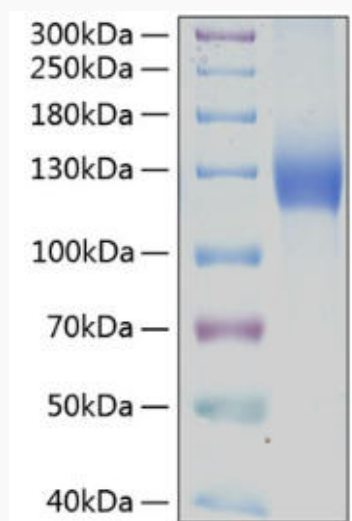
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Activity



SDS-PAGE



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