Active Recombinant Human PDGFRA protein, hFc-tagged

Cat. No. PDGFRA-824H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human PDGFRA protein(Met 1-Glu 524)(NP_006197.1) was expressed in HEK293, fused with the Fc region of human IgG1 at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-524 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	1. Measured by its ability to bind human PDGF-C in a functional ELISA. 2. Measured by its ability to bind mouse PDGF-C in a functional ELISA.
Molecular Mass	The recombinant human PDGFRα/Fc is a disulfide-linked homodimeric protein after removal of the signal peptide. The reduced monomer consists of 739 amino acids and predicts a molecular mass of 82.9 kDa. By SDS-PAGE under reducing conditions, the apparent molecular mass of rhPDGFRα/Fc is approximately 120-130 kDa due to the glycosylation.
Endotoxin	< 1.0 EU per μg protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to

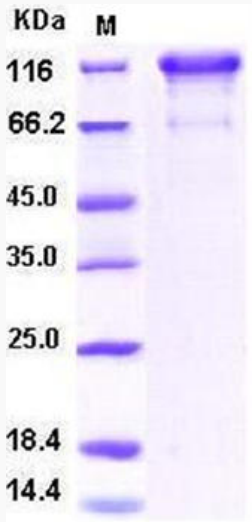
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	aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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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SDS-PAGE	

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