

Active Recombinant Human PDGFRA protein, His & GST-tagged

Cat. No. PDGFRA-7290H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human PDGFRA protein(P16234-1) (Gln551-Leu1089) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	551-1089 aa
Form	Supplied as sterile 20mM Tris, 500mM NaCl, pH 7.4, 10% gly, 3mM DTT.
Bio-activity	The specific activity was determined to be 8 nmol/min/mg using MBP as substrate.
Molecular Mass	The recombinant human PDGFRA /GST chimera consists of 776 amino acids and has a calculated molecular mass of 89.2 kDa. The recombinant protein migrates as an approximately 92 kDa band in SDS-PAGE under reducing conditions.
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 aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-

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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

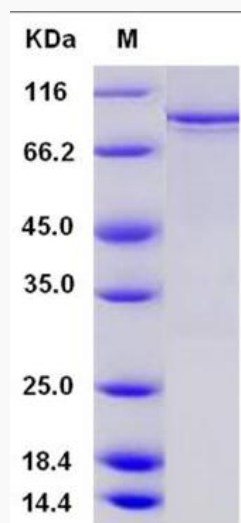
MIM 173490

UniProt ID P16234

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SDS-PAGE

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