

Active Recombinant Human PDGFRA protein, hFc&His-tagged

Cat. No. PDGFRA-2647H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human PDGFR- α /CD140a Protein is produced by HEK293 expression system. The target protein is expressed with sequence (Gln24-Glu524) of human PDGFRA/CD140a (Accession #NP_006197.1) fused with an Fc, 6 $\times$ His tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Gln24-Glu524
Form	Lyophilized from a 0.22 μ m filtered solution of PBS, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized recombinant Human PDGF-B at 2 μ g/mL (100 μ L/well) can bind recombinant Human PDGFRA, the EC ₅₀ of Human PDGFRA is 109 ng/mL.
Molecular Mass	110-130 kDa
Endotoxin	< 0.1 EU/ μ g of the protein by LAL method.
Purity	> 97% by SDS-PAGE.
Storage	Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for

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up to 1 week.

Reconstitution Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile 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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