

Recombinant Rat PDGFRA protein(Met1-Glu523), hFc-tagged

Cat. No. PDGFRA-1282R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat PDGFRA (G3V6A0) (Met1-Glu523) was expressed in HEK293 with the Fc region of human IgG1 at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	Met1-Glu523
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant Rat PDGFRA/Fc is a disulfide-linked homodimer. The reduced monomer comprises 741 amino acids and has a predicted molecular mass of 83.2 kDa. The apparent molecular mass of the protein is approximately 112-120 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95% as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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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 [*Rattus norvegicus*]

Official Symbol PDGFRA

Synonyms PDGFRA; platelet derived growth factor receptor, alpha polypeptide; platelet-derived growth factor receptor alpha; PDGFR-alpha; PDGF-R-alpha; CD140 antigen-like family member A; alpha platelet-derived growth factor receptor; platelet-derived growth factor alpha receptor; alpha-type platelet-derived growth factor receptor; APDGFR; PDGFACE;

Gene ID 25267

mRNA Refseq NM_012802

Protein Refseq NP_036934

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