

Active Recombinant Human PDGFB protein, His-Avi-tagged

Cat. No. PDGFB-377H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PDGFB protein(Ser 82 - Thr 190), fused with His and Avi tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	Ser 82 - Thr 190
Form	Lyophilized from 0.22 µm filtered solution in 0.085% TFA in 30% ACN, 10% trehalose.
Bio-activity	Immobilized Unconjugated Human PDGF-BB, His,Avitag at 1 µg/mL (100 µL/well) can bind Human PDGF R beta, Fc Tag with a linear range of 0.5-16 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag (Avitag).The protein has a calculated MW of 15.1 kDa. the protein migrates as 17 kDa under reducing (R) condition, and 35 kDa under non-reducing (NR) condition (SDS-PAGE).
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	For long term, the product should be stored at lyophilized state at -20°C or

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lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

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

PDGFB platelet-derived growth factor beta polypeptide [Homo sapiens]

Official Symbol

PDGFB

Synonyms

PDGFB; platelet-derived growth factor beta polypeptide; platelet derived growth factor beta polypeptide (simian sarcoma viral (v sis) oncogene homolog) , SIS; platelet-derived growth factor subunit B; becaplermin; oncogene SIS; SSV; PDGF-2; PDGF, B chain; PDGF subunit B; proto-oncogene c-Sis; platelet-derived growth factor 2; platelet-derived growth factor B chain; platelet-derived growth factor, B chain; Platelet-derived growth factor, beta polypeptide (oncogene SIS); platelet-derived growth factor beta polypeptide (simian sarcoma viral (v-sis) oncogene homolog); SIS; PDGF2; c-sis; FLJ12858;

Gene ID

5155

mRNA Refseq

NM_002608

Protein Refseq

NP_002599

MIM

190040

UniProt ID

P01127

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