

Platelet-derived growth factor subunit B (Pdgfb) Recombinant Protein | Pdgfb recombinant protein

Recombinant Mouse Platelet-derived growth factor subunit B (Pdgfb)

CATALOG # AAA113316	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Platelet-derived growth factor subunit B (Pdgfb); Recombinant Mouse Platelet-derived growth factor subunit B (Pdgfb); Pdgfb recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	82-190, Full length protein
Sequence	SLGSLAAAEPAVIAECKTRTEVFQISRNLIDRTNANFLVWPPCVEVQRCSGCCNNRNVQC RASQVQMRPVQVRKIEIVRK KPIFKKATVT LEDHLACKCE TIVTPRPVT
Sequence Length	109
Species	Mouse
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for Pdgfb recombinant protein	This protein is a member of the platelet-derived growth factor family. The four members of this family are mitogenic factors for cells of mesenchymal origin and are characterized by a motif of eight cysteines. This gene product can exist either as a homodimer (PDGF-BB) or as a heterodimer with the platelet-derived growth factor alpha polypeptide (PDGF-AB), where the dimers are connected by disulfide bonds. Mutations in this gene are associated with meningioma. Reciprocal translocations between chromosomes 22 and 7, at sites where this gene and that for COL1A1 are located, are associated with a particular type of skin tumor called dermatofibrosarcoma protuberans resulting from unregulated expression of growth factor. Two alternatively spliced transcript variants encoding different isoforms have been identified for this gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	40538817
NCBI GeneID	18591
NCBI Accession #	NP_035187.2
NCBI GenBank Nucleotide #	NM_011057.3
UniProt Accession #	P31240 ; Q6P3C4
Molecular Weight	27,382 Da
NCBI Official Full Name	platelet-derived growth factor subunit B
NCBI Official Synonym Full Names	platelet derived growth factor, B polypeptide

NCBI Official Symbol	Pdgfb
NCBI Official Synonym Symbols	Sis; PDGF-B
NCBI Protein Information	platelet-derived growth factor subunit B
UniProt Protein Name	Platelet-derived growth factor subunit B
UniProt Gene Name	Pdgfb
UniProt Synonym Gene Names	Sis; PDGF subunit B

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/pdgfb-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113316>