



Recombinant Mouse Platelet-derived growth factor D(Pdgfd)

Product Code	CSB-EP852889MO
Relevance	Growth factor that plays an essential role in the regulation of embryonic development, cell proliferation, cell migration, survival and chemotaxis. Potent mitogen for cells of mesenchymal origin. Plays an important role in wound healing (By similarity). Has oncogenic potential and can induce tumor formation. Induces macrophage recruitment, increased interstitial pressure, and blood vessel maturation during angiogenesis. Can initiate events that lead to a mesangial proliferative glomerulonephritis, including influx of monocytes and macrophages and production of Extracellular domain matrix.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q925I7
Storage Buffer	Tris-based buffer,50% glycerol
Alias	Spinal cord-derived growth factor B Short name: SCDGF-B Cleaved into the following 2 chains: Platelet-derived growth factor D, latent form Short name: PDGFD latent form Platelet-derived growth factor D, receptor-binding form Short name: PDGFD receptor-binding form
Product Type	Recombinant Protein
Species	Mus musculus (Mouse)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	TPQRASIKALRNANLRRDESNHLTDLYQREENIQVTSNGHVQSPRFPNSYPRN LLLTWWLRSQEKTRIQLSFDHQFGLEEAENDICRYDFVEVEEVSESSTVVRGR WCGHKEIPRITSRTNQIKITFKSDDYFVAKPGFKIYYSFVEDFQPEAASETNW ESVTSSFSGVSYHSPSITDPTLTADALDKTVAEFDTVEDLLKHFNVPVSWQDDL ENLYLDTPHYRGRSYHDRKSKVDLDRNLDDVKRYSCTPRNHVSVNLREELKLT NAVFFPRCLLVQRCGGNCGCGTVNWKSCTCSSGKTVKKYHEVLKFEPGHFK RRGKAKNMALVDIQLDHHERCDCICSSRPPR
Lead Time	3-7 business days
Research Area	Others
Source	E.coli
Gene Names	Pdgfd
Expression Region	24-370aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

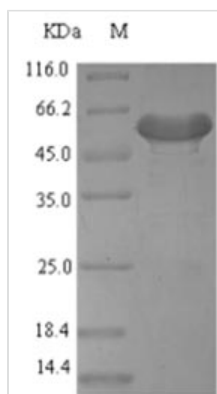


Tag Info N-terminal 6xHis-SUMO-tagged

Mol. Weight 56.2kDa

Protein Description Full Length of Mature Protein

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.