



Recombinant Mouse Platelet-derived growth factor D (Pdgfd)

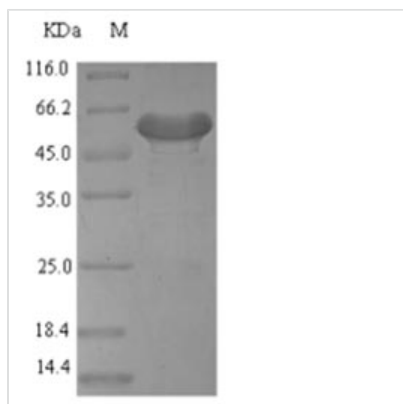
Product Code	CSB-EP852889MO
Relevance	Growth factor that plays an essential role in the regulation of embryonic development, cell proliferation, cell migration, survival and chemotaxis. Potent mitogen for cells of mesenchymal origin. Plays an important role in wound healing (By similarity). Has oncogenic 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.
Abbreviation	Recombinant Mouse Pdgfd protein
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
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
Immunogen Species	Mus musculus (Mouse)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	TPQRASIKALRNANLRRDESNHLTDLYQREENIQVTSNGHVQSPRFPNSYPRN LLLTTWWLRSQEKTRIQLSFDHQFGLLEEAENDICRYDFVEVEEVSESSVVRGR WCGHKEIPRITSRTNQIKITFKSDDYFVAKPGFKIYYSFVEDFQPEAASETNW ESVTSSFSGVSYHSPSITDPTLTADALDKTVAEFDTVEDLLKHFNPVSWQDDL ENLYLDTPHYRGRSYHDRKSKVDLDRLNDDVKRYSCTPRNHSVNLREELKLT NAVFFPRCLLVQRCCGNGCGGTVNWKSCSSGKTVKKYHEVLKFEPGFHK RRGKAKNMALVDIQLDHHERCDCICSSRPPR
Research Area	Others
Source	E.coli
Target 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 Length Full Length of Mature Protein

Image



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

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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