

Product Datasheet

PDGF-BB Protein, Mouse, Recombinant (His) (orb1961721)

Description	Platelet-Derived Growth Factor Subunit B (PDGFB) belongs to the PDGF/VEGF growth factor family. Platelet-derived growth factor is a potent mitogen for cells of mesenchymal origin. PDGFB 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. As growth factor it plays an essential role in the regulation of embryonic development, cell proliferation, cell migration, survival and chemotaxis. It is required for normal proliferation and recruitment of pericytes and vascular smooth muscle cells in the central nervous system, skin, lung, heart and placenta. PDGFB also plays an important role in wound healing.
Storage	-20°C
Tag	C-6xHis
Note	For research use only
Application notes	Reconstitute the lyophilized protein in 4mM HCl. The product concentration should not be less than 100 µg/ml. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.
Protein Sequence	Ser82-Thr190
Purity	99.00%
MW	15 KDa (reducing condition)
Uniprot ID	AAH53430.1
Expiration Date	6 months from date of receipt.

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