

## Product Datasheet

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

<b>Description</b>	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.
<b>Storage</b>	-20°C
<b>Tag</b>	C-6xHis
<b>Note</b>	For research use only
<b>Application notes</b>	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.
<b>Protein Sequence</b>	Ser82-Thr190
<b>Purity</b>	> 95 % as determined by SDS-PAGE.
<b>MW</b>	15 KDa (reducing condition)
<b>Uniprot ID</b>	AAH53430.1
<b>Expiration Date</b>	6 months from date of receipt.

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