

Product datasheet for **TP727605**

Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse Platelet-derived Growth Factor Subunit B/PDGF-BB(C-6His)
Species:	Mouse
Expression cDNA Clone or AA Sequence:	Ser82-Thr190
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of 4mM HCl.
Note:	Recombinant Mouse Platelet-derived Growth Factor Subunit B is produced by our E.coli expression system and the target gene encoding Ser82-Thr190 is expressed with a 6His tag at the C-terminus.
Stability:	12 months from date of despatch
Summary:	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.



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