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32-9539: Recombinant Mouse Platelet-derived Growth Factor Subunit B/PDGF-BB(C-6His)

Alternative Name : Platelet-Derived Growth Factor Subunit B; PDGF Subunit B; PDGF-2; Platelet-Derived Growth Factor B Chain; Platelet-Derived Growth Factor Beta Polypeptide; Proto-Oncogene c-Sis; Becaplermin; PDGFB; PDGF2; SIS

Description

Source : E. coli;
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.

Product Info

Amount : 500 µg / 50 µg

Content : Lyophilized from a 0.2 µm filtered solution of 4mM HCl.

Amino Acid : 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.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.