

## 32-9156: Recombinant Mouse PDGF-B (N-His)

**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 beta (PDGFB) is a member of PDGF family. PDGFB can form disulfide-linked homodimer or heterodimer with PDGFA. PDGF proteins mediate diverse cellular functions by binding to and inducing the homo- or heterodimerization of two receptors (PDGF R alpha and R beta). PDGFB is essential for cardiovascular development. The administration of PDGFB normalized tumor vasculature by increasing periendothelial coverage and vascular functionality. This effect exerted by PDGFB was also observed in the presence of DAPT. Therefore, PDGFB is able to improve tumor vascularity and allows the anticancer action of DAPT in the tumor.

### Product Info

**Amount :** 500 µg / 50 µg

**Content :** Supplied as a 0.2 µm filtered solution of PBS, 100 mM Urea pH 7.4

**Amino Acid :** Recombinant Mouse PDGF-B is produced by E.coli. The target gene encoding S82-T190 is expressed with a 6His tag at the N-terminus.