

## Product datasheet for **TP724803**

### Pdgfb Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse PDGF-B (N-His)
Species:	Mouse
Expression cDNA Clone or AA Sequence:	S82-T190
Tag:	N-6His
Buffer:	Supplied as a 0.2 um filtered solution of PBS, um Urea pH 7.4
Note:	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.
Stability:	12 months from date of despatch
Locus ID:	18591
UniProt ID:	<a href="#">P31240</a>
Summary:	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 hetero-dimerization 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.



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