

Bioactive

## Pdgfb/Pdgfb (Mouse) Recombinant Protein

Catalog # P4803

Size 10 ug

### Applications

#### Result of activity analysis

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Serial dilutions of mouse PDGF-BB, starting at 100 ng/mL, were added to NIH 3T3 cells. After 40 hours, cell viability was measured and the linear portion of the curve was used to calculate the ED50.

### Specification

Product Description	Mouse Pdgfb (homodimer) recombinant protein expressed in <i>Escherichia coli</i> .
Sequence	MSLGSLAAAEPAVIAECKTRTEVFQISRNLIDRTNANFLVWPPCVEVQRCSGCCNNRNVQCRAS QVQMRPVQVRKIEVRKKPIFKKATVTLEDHLACKCETIVTPRPVT
Host	Escherichia coli
Theoretical MW (kDa)	24.6
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Endotoxin Level	< 0.1 EU/ug
Activity	The activity is determined by the dose-dependent proliferation in mouse 3T3 fibroblasts. The expected ED <sub>50</sub> for this effect is 0.2-0.3 ng/mL.
Storage Buffer	Lyophilized from 10 mM sodium citrate, pH 3.0
Storage Instruction	Store at -20°C on dry atmosphere. After reconstitution with sterilized water, store at -20°C. Aliquot to avoid repeated freezing and thawing.

## Note

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## Applications

- Functional Study
- SDS-PAGE

## Gene Info — Pdgfb

Entrez GeneID [18591](#)

Protein Accession# [P31240](#)

Gene Name Pdgfb

Gene Alias PDGF-B, Sis

Gene Description platelet derived growth factor, B polypeptide

Gene Ontology [Hyperlink](#)

Gene Summary O

Other Designations -