Bioactive

Pdgfb (Mouse) Recombinant Protein

Catalog # P7356 Size 10 ug

Specification

Product Description	Mouse Pdgfb (P31240, 82 a.a. - 190 a.a.) partial recombinant protein expressed in *Escherichia coli*.
Sequence	MSLGSLAAAEPAVIAECKTRTEVFQISRNLIDRTNANFLVWPPCVEVQRCSGCCNNRNVQCRAS QVQMRPVQVRKIEIVRKKPIFKKATVTLEDHLACKCETIVTPRPVT
Host	Escherichia coli
Theoretical MW (kDa)	24.7
Form	Lyophilized
Preparation Method	*Escherichia coli* expression system
Purity	> 95% as analyzed by SDS-PAGE.
Endotoxin Level	< 0.2 EU/ug of protein by gel clotting method
Activity	ED_{50} < 2.5 ng/mL, measured by a cell proliferation assay using 3T3 Cells, corresponding to a specific activity of > 4.0×10^5 units/mg.
Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from 10 mM sodium citrate, pH 3.0. Reconstitute the lyophilized powder in ddH_2O up to 100 ug/mL.
Storage Instruction	Store at 4°C to 8°C for 1 week. For long term storage store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study

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- 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	-

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