Bioactive

Pdgfa/Pdgfa (Mouse) Recombinant Protein

Catalog # P4802 Size 10 ug

Applications

Result of activity analysis

Result of activity analysis

Serial dilutions of mouse PDGF-AA, 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 us used to calculate the ED50 .

Specification

Product Description	Mouse Pdgfa (homodimer) recombinant protein expressed in *Escherichia coli*.
Sequence	MSIEEAVPAVCKTRTVIYEIPRSQVDPTSANFLIWPPCVEVKRCTGCCNTSSVKCQPSRVHHRSV KVAKVEYVRKKPKLKEVQVRLEEHLECACATSNLNPDHREEETGRRRESGKNRKRKRLKPT
Host	Escherichia coli
Theoretical MW (kDa)	28.9
Form	Lyophilized
Preparation Method	*Escherichia coli* expression system
Endotoxin Level	< 0.1 EU/ug
Activity	The activity is determined by the dose-dependent proliferation of Balb/c 3T3 cells. The expected ED_{50} for this effect is 3.4-5 ng/mL.
Storage Buffer	No additive
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.

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Note	Result of activity analysis Result of activity analysis Serial dilutions of mouse PDGF-AA, starting at 100 ng/mL, were added to NIH 3T3 cells. After 40 ho urs, cell viability was measured and the linear portion of the curve was us used to calculate the ED50 .

Applications

- Functional Study
- SDS-PAGE

Gene Info — Pdgfa

Entrez GeneID	18590
Protein Accession#	P20033
Gene Name	Pdgfa
Gene Alias	-
Gene Description	platelet derived growth factor, alpha
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	OTTMUSP00000030442|OTTMUSP00000030454|OTTMUSP00000030455

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