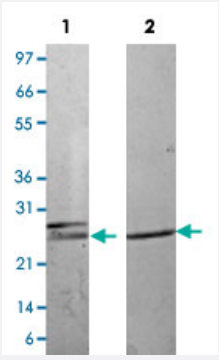
Bioactive

Fgf9 (Mouse) Recombinant Protein

Catalog # P4593 Size 10 ug

Applications



Lane 1: non-reducing conditions
Lane 2: reducing conditions

Result of activity analysis

Result of activity analysis

3T3 cells were cultured with 0 to 100 ng/mL mouse Fgf9. Cell proliferation was measured after 42 hours and the linear portion of the curve was us used to calculate the ED50.

Specification

Product Description	Mouse Fgf9 (P54130) recombinant protein expressed in *Escherichia coli*.
Sequence	MPLGEVGSYFGVQDAVPFGNVPVLPVDSPVLLNDHLGQSEAGGLPRGPAVTDLDHLKGILRRRQ LYCRTGFHLEIFPNGTIQGTRKDHSRFGILEFISIAVGLVSIRGVDSGLYLGMNEKGELYGSEKLTQE CVFREQFEENWYNTYSSNLYKHVDTGRRYYVALNKDGTPREGTRTKRHQKFTHFLPRPVDPDKV PELYKDILSQS
Host	Escherichia coli
Theoretical MW (kDa)	23.3
Form	Lyophilized
Preparation Method	*Escherichia coli* expression system

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Endotoxin Level	< 0.1 EU/ug
Activity	The activity is determined by the dose-dependent proliferation of murine NR6R 3T3 cells. The expect ed ED_{50} for this effect is 0.9-1.4 ng/mL.
Quality Control Testing	1 ug/lane in 4-20% Tris-Glycine gel Stained with Coomassie Blue Lane 1: non-reducing conditions Lane 2: reducing conditions
Storage Buffer	Lyophilized with 10 mM Na_2PO_4, 75 mM $(NH_4)_2SO_4$, pH 7.5.
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	Result of activity analysis Result of activity analysis 3T3 cells were cultured with 0 to 100 ng/mL mouse Fgf9. Cell proliferation was measured after 42 ho urs and the linear portion of the curve was us used to calculate the ED50.

Applications

- Functional Study
- SDS-PAGE

Gene Info — Fgf9

Entrez GeneID	14180
Protein Accession#	P54130
Gene Name	Fgf9
Gene Alias	-
Gene Description	fibroblast growth factor 9
Gene Ontology	Hyperlink
Other Designations	glia activating factor

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