

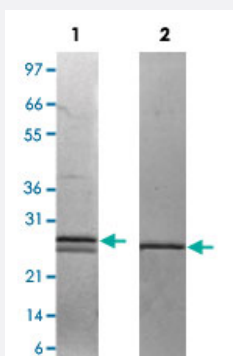
Bioactive

Fgf9 (Rat) Recombinant Protein

Catalog # P4801

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 rat Fgf9. Cell proliferation was measured after 42 hours and the linear portion of the curve was used to calculate the ED50.

Specification

Product Description

Rat Fgf9 recombinant protein expressed in *Escherichia coli*.

Sequence

MPLGEVGSYFGVQDAVPFGNVPVLPVDSPVLLSDHLGQSEAGGLPRGPAVTDLDHLKGILRRRQ
LYCRTGFHLEIFPNGTIQGTRKDHRSFGILEFISIAVGLVSIRGVDSGLYLG MNEKGELYGSEKLTQE
CVFREQFEENWYNTYSSNLYKHVDTGRRYYVALNKDGTGTPREGTRTKRHQKFTHFLPRPVDPAKV
PELYKDILSQS

Host

Escherichia coli

Theoretical MW (kDa)

23.3

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 3T3 cells. The expected ED ₅₀ for the 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 from 10 mM NaP, 75 mM (NH ₄) ₂ SO 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 rat Fgf9. Cell proliferation was measured after 42 hours and the linear portion of the curve was used to calculate the ED ₅₀ .

Applications

- Functional Study
- SDS-PAGE

Gene Info — Fgf9

Entrez GeneID	25444
Protein Accession#	P36364
Gene Name	Fgf9
Gene Alias	-
Gene Description	fibroblast growth factor 9
Gene Ontology	Hyperlink
Other Designations	-