

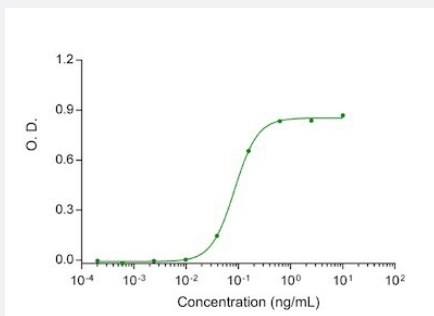
Bioactive

Fgf1 (Mouse) Recombinant Protein

Catalog # P7336

Size 10 ug

Applications



Result of activity analysis

Result of activity analysis

Specification

Product Description	Mouse Fgf1 (P61148, 16 a.a. - 155 a.a.) partial recombinant protein expressed in <i>Escherichia coli</i> .
Sequence	FNLPLGNYKKPKLLYCSNGGHFLRILPDGTVDGTRDRSDQHIQLQLSAESAGEVYIKGTETGQYLA MDTEGLLYGSQTPNEECLFLERLEENHYNTYTSKKHAEKNWFVGLKKNNGSCKRGPRTHYGQKAIL FLPLPVSSD
Host	Escherichia coli
Theoretical MW (kDa)	15.8
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 95% as analyzed by SDS-PAGE. > 95% as analyzed by HPLC.
Endotoxin Level	< 0.2 EU/ug of protein by gel clotting method
Activity	ED ₅₀ < 0.4 ng/mL, measured by a cell proliferation assay using 3T3 cells in the presence of 10.0 ug/ml heparin, corresponding to a specific activity of > 2.5 × 10 ⁶ units/mg.

Recommend Usage

Biological Activity
SDS-PAGE
The optimal working dilution should be determined by the end user.

Storage Buffer

Lyophilized from PBS. Reconstitute the lyophilized powder in ddH₂O 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.

Note

Result of activity analysis
Result of activity analysis

Applications

- Functional Study
- SDS-PAGE

Gene Info — Fgf1

Entrez GeneID[14164](#)**Protein Accession#**[P61148](#)**Gene Name**

Fgf1

Gene Alias

Dffrx, Fam, Fgf-1, Fgfa

Gene Description

fibroblast growth factor 1

Gene Ontology[Hyperlink](#)**Other Designations**

OTTMUSP00000022029|OTTMUSP00000022030|fibroblast growth factor 1 (acidic)