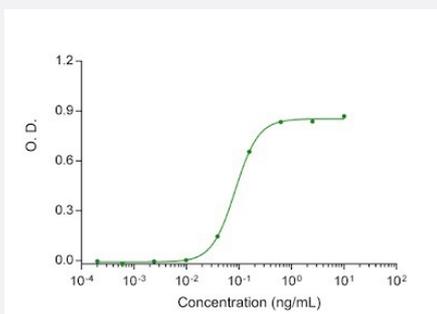


Bioactive

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 MDTEGLLYGSQTPNEECLFLERLEENHYNTYTSKKHAEKNWVGLKKNNGSCKRGPRTHYGQKAIL 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 ddH ₂ O 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)