

Bioactive

Fgf1 (Mouse) Recombinant Protein

Catalog # P4349

Size 50 ug

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)	16
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purification	Ion exchange column and HPLC reverse phase column
Purity	> 90% by SDS-PAGE and HPLC
Endotoxin Level	Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than 0.1 ng/ug (1EU/ug).
Activity	The ED ₅₀ was determined by the dose-dependent stimulation of thymidine uptake by BaF3 cells expressing FGF receptors is <= 10 ng/mL, corresponding to a specific activity of >= 1 x 10 ⁵ units/mg.
Storage Buffer	Lyophilized from PBS
Storage Instruction	Store at -20°C on dry atmosphere for 2 years. After reconstitution with deionized water, store at 4°C for 1 month or store at -20°C for 6 months. Aliquot to avoid repeated freezing and thawing.

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)