

Bioactive

## Fgf1 (Mouse) Recombinant Protein

Catalog # P4349

Size 50 ug

### Specification

<b>Product Description</b>	Mouse Fgf1 (P61148, 16 a.a. - 155 a.a.) partial recombinant protein expressed in <i>Escherichia coli</i> .
<b>Sequence</b>	FNLPLGNYKKPKLLYCSNGGHFLRILPDGTVDGTRDRSDQHIQLQLSAESAGEVYIKGTETGQYLA MDTEGLLYGSQTPNEECLFLERLEENHYNTYTSKKHAEKNWFVGLKKNNGSCKRGPRTHYGQKAIL FLPLPVSSD
<b>Host</b>	Escherichia coli
<b>Theoretical MW (kDa)</b>	16
<b>Form</b>	Lyophilized
<b>Preparation Method</b>	<i>Escherichia coli</i> expression system
<b>Purification</b>	Ion exchange column and HPLC reverse phase column
<b>Purity</b>	> 90% by SDS-PAGE and HPLC
<b>Endotoxin Level</b>	Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than 0.1 ng/ug (1EU/ug).
<b>Activity</b>	The ED <sub>50</sub> 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 <sup>5</sup> units/mg.
<b>Storage Buffer</b>	Lyophilized from PBS
<b>Storage Instruction</b>	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	<a href="#">14164</a>
Protein Accession#	<a href="#">P61148</a>
Gene Name	Fgf1
Gene Alias	Dffrx, Fam, Fgf-1, Fgfa
Gene Description	fibroblast growth factor 1
Gene Ontology	<a href="#">Hyperlink</a>
Other Designations	OTTMUSP00000022029 OTTMUSP00000022030 fibroblast growth factor 1 (acidic)