

Bioactive

# Fgf1 (Mouse) Recombinant Protein

Catalog # P8588

Size 50 ug

## Specification

Product Description	Mouse Fgf1 recombinant protein expressed in <i>Escherichia coli</i> .
Sequence	MFNLPLGNYKKPKLLYCSNGGHFLRILPDGTVDGTRDRSDQHIQLQLSAESAGEVYIKGTETGQYL AMDTEGLLYGSQTPNEECLFLERLEENHYNTYTSKKHAEKNWVFLKKNKNGSCKRGPRTHYGQKAI LFLPLPVSSD
Host	Escherichia coli
Theoretical MW (kDa)	15.9
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purification	Chromatography
Purity	> 95% as determined by SDS-PAGE.
Activity	ED <sub>50</sub> <0.2 ng/mL, measured by dose-dependent proliferation of mouse BALB/c 3T3 cells, corresponding to a specific activity of 5 x 10 <sup>6</sup> IU/mg.
Storage Buffer	Lyophilized from a solution containing 1X PBS, pH 7.5. Reconstitute the lyophilized powder in ddH <sub>2</sub> O to 100 ug/mL.
Storage Instruction	Stored at room temperature for 3 weeks, should be stored at -20°C. Protein aliquots at 4°C for 2-7 days and should be stored at -20°C to -80°C for long term storage. Avoid repeated freeze/thaw cycles.

## Applications

- Functional Study

## 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)