

Bioactive

## Fgf2 (Mouse) Recombinant Protein

Catalog # P8598

Size 50 ug

### Specification

<b>Product Description</b>	Mouse Fgf2 recombinant protein expressed in <i>Escherichia coli</i> .
<b>Sequence</b>	MPALPEDGGAAFPPGHFKDPKRLYCKNGGFFLRHPDGRVDGVREKSDPHVKLQLQAEERGTV SIKGVCANRYLAMKEDGRLLASKCVTEECFFFERLESNNYNTYRSRKYSWYVALKRTGQYKLGS KTGPGQKAILFLPMSAKS
<b>Host</b>	Escherichia coli
<b>Theoretical MW (kDa)</b>	16.3
<b>Form</b>	Lyophilized
<b>Preparation Method</b>	<i>Escherichia coli</i> expression system
<b>Purification</b>	chromatography
<b>Purity</b>	> 95% as determined by SDS-PAGE.
<b>Activity</b>	ED <sub>50</sub> < 1 ng/mL, measured by the dose-dependant proliferation of BALB/3T3 cells, corresponding to a Specific Activity of 1 x 10 <sup>6</sup> Units/mg.
<b>Storage Buffer</b>	Lyophilized from a solution containing 5mM Na <sub>2</sub> PO <sub>4</sub> , pH7.5, 50mM NaCl. Reconstitute the lyophilized powder in ddH <sub>2</sub> O to 101 ug/mL.
<b>Storage Instruction</b>	Lyophilized protein 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 it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid repeated freeze/thaw cycles.

### Applications

- Functional Study

## Gene Info — Fgf2

Entrez GeneID	<a href="#">14173</a>
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Gene Name	Fgf2
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Gene Alias	Fgf-2, Fgfb, bFGF
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Gene Description	fibroblast growth factor 2
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Gene Ontology	<a href="#">Hyperlink</a>
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Other Designations	-
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