

Bioactive

## FGF2 (Bovine) Recombinant Protein

Catalog # P8597

Size 50 ug

### Specification

Product Description	Bovine FGF2 recombinant protein (containing 147 amino acid) expressed in <i>Escherichia coli</i> .
Sequence	MPALPEDGGSGAFPPGHFKDPKRLYCKNGGFFLRHPDGRVDGVREKSDPHIKLQLQAEERGTV SIKGVCANRYLAMKEDGRLLASKCVTDECFERLESNNYNTYRSRYSSWYVALKRTGQYKLGP KTGPGQKAILFLPMSAKS
Host	<i>Escherichia coli</i>
Theoretical MW (kDa)	16.5
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purification	chromatography
Purity	> 97% as determined by (a) RP-HPLC.(b) SDS-PAGE.
Activity	ED <sub>50</sub> < 0.1 ng/mL, measured by a cell proliferation assay using murine balb/c 3T3 cells, corresponding to a Specific Activity of > 1 x 10 <sup>7</sup> Units/mg.
Storage Buffer	Lyophilized from a solution containing 1X PBS, pH 7.4. Reconstitute the lyophilized powder in 1X PBS to 100 ug/mL.
Storage Instruction	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. Avoid repeated freeze/thaw cycles.

### Applications

- Functional Study

## Gene Info — FGF2

Entrez GeneID	<a href="#">281161</a>
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Protein Accession#	<a href="#">F1N3T9</a>
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Gene Name	FGF2
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Gene Alias	-
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Gene Description	fibroblast growth factor 2 (basic)
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Gene Ontology	<a href="#">Hyperlink</a>
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Other Designations	-
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