

Bioactive

Fgf2 (Rat) Recombinant Protein

Catalog # P5037

Size 50 ug

Specification

Product Description	Rat Fgf2 (P13109, 10 a.a. - 154 a.a.) partial recombinant protein expressed in <i>Escherichia coli</i> .
Sequence	PALPEDGGGAFPPGHFKDPKRLYCKNGGFFLRHPDGRVDGVREKSDPHVKLQLQAEERGVSISKGVCANRYLAMKEDGRLLASKCVTEECFFFERLESNNYNTYRSRKYSSWYVALKRTGQYKLGSKTGPGQKAILFLPMSAKS
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) determined by dose-dependent stimulation of thymidine uptake by 3T3 cells expressing FGF receptors, was found to be < 1 ng/mL.
Storage Buffer	Lyophilized from PBS, pH 7.5
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 — Fgf2

Entrez GeneID	54250
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Protein Accession#	P13109
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Gene Name	Fgf2
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Gene Alias	Fgf-2, bFGF
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Gene Description	fibroblast growth factor 2
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Gene Ontology	Hyperlink
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Other Designations	basic fibroblast growth factor
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