

Bioactive

Fgf2 (Rat) Recombinant Protein

Catalog # P7432

Size 10 ug

Specification

Product Description	Rat Fgf2 (P13109, 10 a.a. - 154 a.a.) partial recombinant protein with an N-terminal Gly expressed in <i>Escherichia coli</i> .
Sequence	ALPEDGGGAFFPPGHFKDPKRLYCKNGGFFLRHPDGRVDGVREKSDPHVKLQLQAEERGVSIIK GVCANRYLAMKEDGRLLASKCVTEECFFFERLESNNYNTYRSRKYSWYVALKRTGQYKLGSKT GPGQKAILFLPMSAKS
Host	<i>Escherichia coli</i>
Theoretical MW (kDa)	~ 16.4
Form	Lyophilized
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 95% as analyzed by SDS-PAGE.
Endotoxin Level	< 0.2 EU/ ug of protein (gel clotting method)
Activity	ED ₅₀ < 0.25 ng/mL, measured by a cell proliferation assay using 3T3 cells, corresponding to a specific activity of > 4.0 × 10 ⁶ units/mg.
Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from PBS. Reconstitute the lyophilized powder in ddH ₂ O up to 100 ug/mL.
Storage Instruction	Store at 4°C for 1 week. For long term storage store at -20°C to -80°C. 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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