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 *Escherichia coli*.
Sequence	ALPEDGGGAFPPGHFKDPKRLYCKNGGFFLRIHPDGRVDGVREKSDPHVKLQLQAEERGVVSIK GVCANRYLAMKEDGRLLASKCVTEECFFFERLESNNYNTYRSRKYSSWYVALKRTGQYKLGSKT GPGQKAILFLPMSAKS
Host	Escherichia coli
Theoretical MW (kDa)	~ 16.4
Form	Lyophilized
Preparation Method	*Escherichia coli* 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 specif ic 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_2O 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

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- SDS-PAGE

Gene Info — Fgf2

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

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