

Bioactive

# Fgf2 (Rat) Recombinant Protein

Catalog # P6290

Size 100 ug

## Applications

### Result of activity analysis

Result of activity analysis

## Specification

Product Description	Rat Fgf2 (P13109) recombinant protein expressed in <i>E.Coli</i> .
Sequence	MPALPEDGGGAFFPGHFKDPKRLYCKNGGFFLRIHPDGRVDGVREKSDPHVKLQLQAEERGTV SIKGVCANRYLAMKEDGRLLASKCVTEECFFFERLESNNYNTYRSRKYSSWYVALKRTGQYKLGS KTGPGQKAILFLPMSAKS
Host	Escherichia coli
Theoretical MW (kDa)	16.4
Form	Lyophilized
Purity	>= 95%
Endotoxin Level	<= 1 EUs/ug (Kinetic LAL)
Activity	ED <sub>50</sub> <= 1 ng/mL NR6R 3T3 proliferation  The values provided above are minimum expected values to pass internal requirements.
Quality Control Testing	Reducing and Non-Reducing SDS PAGE
Conformation	Monomer

Storage Buffer	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 10 mM sodium phosphate , 50 mM sodium chloride, pH 7.5.
Storage Instruction	Stored at -20°C to -80°C for 12 month. After reconstitution with sterile water at 0.1 mg/mL, store at -20°C to -80°C for 3 months, store at 4°C for 1 month. Aliquot to avoid repeated freezing and thawing.
Note	Result of activity analysis Result of activity analysis

## Applications

- Western Blot
- Functional Study

## Gene Info — Fgf2

Entrez GeneID	<a href="#">54250</a>
Protein Accession#	<a href="#">P13109</a>
Gene Name	Fgf2
Gene Alias	Fgf-2, bFGF
Gene Description	fibroblast growth factor 2
Gene Ontology	<a href="#">Hyperlink</a>
Other Designations	basic fibroblast growth factor