

# Product Datasheet

## Recombinant Rat FGF basic/FGF2 Protein NBP1-99874

Unit Size: 0.05 mg

Store at -20C.

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**NBP1-99874**

## Recombinant Rat FGF basic/FGF2 Protein

Product Information	
Unit Size	0.05 mg
Concentration	Lyoph
Storage	Store at -20C.
Reconstitution Instructions	Reconstitute in dH <sub>2</sub> O to a concentration of 0.1-1.0 mg/ml. The solution can then be diluted into other aqueous buffers and stored at 4C for 1 week or -20C for long-term storage.
Purity	>97%, by SDS-PAGE
Buffer	Lyophilized from solution after extensive dialysis against 20 mM phosphate buffer (pH 7.4), 130 mM NaCl.
Target Molecular Weight	16.3 kDa

Product Description	
Description	<p>Recombinant bioactive protein containing 145 amino acids for Rat FGF basic/FGF2</p> <p><b>Source:</b> <i>E. coli</i>  <b>Amino Acid Sequence:</b> (P13109)</p>
Gene ID	2247
Gene Symbol	FGF2
Species	Rat
Preparation Method	Determined to be >97% pure by SDS-PAGE
Details of Functionality	The ED <sub>50</sub> determined by the dose-dependent proliferation of BALB/3T3 cells is <0.2 ng/ml, corresponding to a specific activity of 5x10 <sup>6</sup> IU/mg.
Endotoxin Note	<0.1 ng/ug

Product Application Details	
Applications	SDS-Page, Bioactivity
Recommended Dilutions	SDS-Page, Bioactivity



### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
novus@novusbio.com

### **Novus Biologicals Canada**

461 North Service Road West, Unit B37  
Oakville, ON L6M 2V5  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada@novusbio.com

### **Novus Biologicals Europe**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: technical@novusbio.com  
Orders: orders@novusbio.com  
General: novus@novusbio.com

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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