

# FGF-2/FGF-basic, human recombinant

CATALOG #:	4037-10	10 µg
	4037-50	50 µg
	4037-1000	1 mg

**ALTERNATE NAMES:** Prostatropin, HBGH-2, HBGF-2, FGF-2, FGF-b.

**SOURCE:** *E. coli*

**PURITY:** >95% by SDS-PAGE  
Endotoxin level is <0.1 ng per µg of FGF-2.

**MOL. WEIGHT:** 17.2 kDa

**FORM:** Lyophilized from a 1 mg/ml solution of 5 mM Tris pH 7.6 +  
150 mM NaCl

## RECONSTITUTION:

Centrifuge the vial prior to opening. Reconstitute in 5 mM Tris, pH 7.6 to a concentration of 0.1-1.0 mg/ml. This solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or -20°C for future use. Repeated freeze/thaw cycles will result in some loss of activity.

## STORAGE CONDITIONS:

The lyophilized FGF-2 is best-stored desiccated below 0°C. Reconstituted FGF-2 should be stored at working aliquots at -20°C.

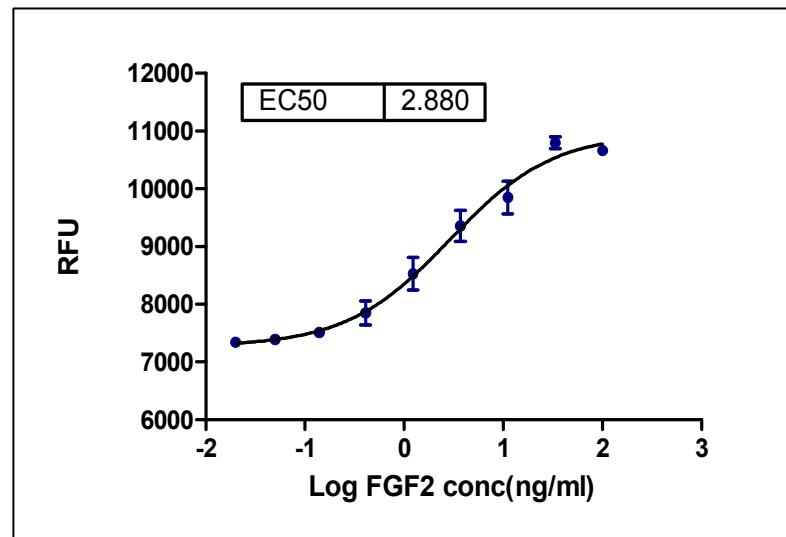
## DESCRIPTION:

FGF-2 is a basic heparin binding growth factor that stimulates the proliferation of a wide variety of cells including mesenchymal, neuroectodermal and endothelial cells. The recombinant human FGF-2 is a 17.2 kDa protein containing 154 amino acid residues.

## BIOLOGICAL ACTIVITY:

The ED<sub>50</sub> as determined by the dose-dependent proliferation of mouse BALB/c 3T3 cells and is typically less than 3 ng/ml.

**FOR RESEARCH USE ONLY! Not to be used on humans.**



## RELATED PRODUCTS:

- Human CellExp™ Human Recombinant FGF-4 (Cat # 6449-10, -50)
- Human CellExp™ Human Recombinant FGF-7 (Cat # 6450-10, -50)
- Human CellExp™ Human Recombinant FGF-8b (Cat # 6451-10, -50)
- FGF- basic 147, human recombinant (Cat # 4036-10, -50, -1000)
- FGF-1, human recombinant (Cat # 4034-10, -50, -1000)
- FGF-1, murine recombinant (Cat # 4035-10, -50, -1000)
- FGF-10/KGF-2, human recombinant (Cat # 4060-25, -100, -1000)
- FGF-18, human recombinant (Cat # 4082-25, -100, -1000)
- FGF-19, human recombinant (Cat # 4542-25, -100, -1000)
- FGF-2, bovine recombinant (Cat # 4040-10, -50, -1000)
- FGF-2, human recombinant (Cat # 4037-10, -50, -1000)
- FGF-2, murine recombinant (Cat # 4038-10, -50, -1000)
- FGF-2, rat recombinant (Cat # 4039-10, -50, -1000)
- FGF-20, human recombinant (Cat # 4589-20, -100)
- FGF-21, human recombinant (Cat # 4066-100, -1000)
- FGF-21, murine recombinant (Cat # 4067-10, -1000)
- FGF-22, human recombinant (Cat # 4063-10, -100, -1000)
- FGF-4, human recombinant (Cat # 4043-25, -100, -1000)
- FGF-7/KGF, human recombinant (Cat # 4050-10, -50, -1000)
- FGF-8, human recombinant (Cat # 4053-25, -100, -1000)
- FGF-9, human recombinant (Cat # 4056-20, -1000)