

# FGF-20, human recombinant

<b>CATALOG #:</b>	4589-20	20 µg
	4589-100	100 µg
	4589-1000	1 mg
<b>SOURCE:</b>	<i>E. coli</i>	
<b>PURITY:</b>	>90% by SDS-PAGE Endotoxin level is <0.1 ng per µg of FGF-20.	
<b>MOL. WEIGHT:</b>	23.2 kDa	
<b>FORM:</b>	Lyophilized without additives.	

**RECONSTITUTION:**

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1 to 1.0 µg/µl. 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 loss of some activity.

**STORAGE CONDITIONS:**

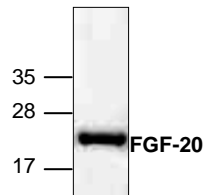
The lyophilized FGF-20 is best-stored desiccated below 0°C. Reconstituted FGF-20 should be stored at working aliquots at -20°C.

**DESCRIPTION:**

Fibroblast Growth Factor-20 (FGF-20) is a secreted heparin binding growth factor belonging to the FGF family. FGF-20 signals through the FGFR 2c and 3c and is expressed during limb and brain development. Recombinant human FGF-20 is a 23.2 kDa protein containing 211 amino acid residues.

**BIOLOGICAL ACTIVITY:**

The ED<sub>50</sub> as determined by the dose-dependent stimulation of thymidine uptake by BaF3 cells expressing FGF-receptors is ≤10 ng/ml, corresponding to a specific activity of ≥1 x 10<sup>5</sup> units/mg.

**Cat. #:4589-20**

Purity of recombinant human FGF-20 (2 µg) was analyzed by reduced SDS-PAGE electrophoresis.

**RELATED PRODUCTS:**

- FGF- basic, murine recombinant (Cat # 7145-10, -50)
- 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-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)

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

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