

Recombinant Human FGF-20

CATALOG #:	4589-20	20 µg
	4589-100	100 µg
	4589-1000	1 mg
LOT #:		
SOURCE:	<i>E. coli</i>	
PURITY:	>90% by SDS-PAGE Endotoxin level is <0.1 ng per µg of FGF-20.	
MOL. WEIGHT:	23.2 kDa	
FORM:	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:

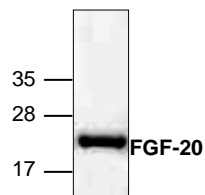
The lyophilized FGF-20 is best-stored desiccated below 0°C. Reconstituted FGF-20 should be stored at working aliquots at -20°C.

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 209 amino acid residues.

BIOLOGICAL ACTIVITY:

The ED₅₀ 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 10⁵ units/mg.



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

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

RELATED PRODUCTS:

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