

Recombinant Human FGF-21

CATALOG #:	4066-10	10 µg
	4066-100	100 µg
	4066-1000	1 mg
LOT #:	---	
SOURCE:	E. coli	
PURITY:	Greater than 95% as determined by reducing and non-reducing SDS-PAGE.	
SPECIFIC ACTIVITY:	---	
MOLECULAR WEIGHT:	19.5 kDa.	
PHYSICAL APPEARANCE:	Sterile Filtered white lyophilized (freeze-dried) powder.	
FORM:	Lyophilized from 10 mM Tris, pH 7.5 + 100 mM NaCl.	
RECONSTITUTION	It is recommended to reconstitute the lyophilized product with sterile water at a concentration of 0.1 mg/ml, which can be further diluted into other aqueous solutions.	
STORAGE CONDITIONS:	Lyophilized product is very stable at -20°C. Reconstituted material should be aliquoted and frozen at -20°C. It is recommended to add a carrier protein (0.1% HSA or BSA) for long term storage.	
BACKGROUND DESCRIPTION:	Recombinant Human FGF-21 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 182 amino acids and having a molecular mass of 19.5 kDa.	
ENDOTOXIN LEVEL:	Endotoxin level as measured by LAL is <0.01 ng/µg or <0.1EU/µg.	
ACTIVITY:	In progress.	
PROTEIN CONTENT:	Determination by UV spectroscopy at 280 nm. Quantitation on SDS-PAGE against a known standard.	

AA SEQUENCE:

MHPIPDSSPL LQFGGQVRQR YLYTDDAQQT
EAHLEIREDG TVGGAADQSP ESLLQLKALK
PGVIQILGVK TSRFLCQRPD GALYGSLHFD
PEACSFRELL LEDGYNVYQS EAHGLPLHLP
GNKSPHRDPA PRGPARFLPL PGLPPALPEP
PGILAPQPPD VGSSDPLSMV GPSQGRSPSY AS

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

RELATED PRODUCTS:

- FGF-2, bovine recombinant (**Cat. No. 4040-10, 50, 1000**)
- FGF-4, human recombinant (**Cat. No. 4043-25, 100, 1000**)
- FGF-22, human recombinant (**Cat. No. 4063-50**)
- FGF-1 Antibody (**Cat. No. 5034-100**)
- FGF-10 Antibody (**Cat. No. 5060A-100**)
- FGF-10 Antibody (**Cat. No. 5060R-100**)
- FGF-19 Antibody (**Cat. No. 5542-100**)
- FGF-19 Antibody (**Cat. No. 5542R-100**)
- FGF-2 Antibody (**Cat. No. 5037-100**)
- FGF-2 Antibody (**Cat. No. 5039-100**)