

Recombinant Human FGF-21

Catalog #:	4066-10	10 µg
	4066-100	100 µg
	4066-1000	1 mg

Lot#: _____

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.

Physical Appearance:

Sterile Filtered white lyophilized (freeze-dried) powder.

Formulation:

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.

Stability:

Lyophilized product is very stable at -20 degrees. Reconstituted material should be aliquoted and frozen at -20. It is recommended to add a carrier protein (0.1% HSA or BSA) for long term storage.

Purity:

Greater than 95% as determined by reducing and non-reducing SDS-PAGE.

Protein Content determined by:

UV spectroscopy at 280 nm.
Quantitation on SDS-PAGE against a known standard.

Endotoxin Level:

Endotoxin level as measured by LAL is <0.01 ng/ug or <0.1EU/ug.

Biological Activity:

In Process.

AA Sequence:

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

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