

Bovine FGF-21

Synonyms: Fibroblast growth factor 21, FGF-21, FGF21.

PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING

Size	Order #	Lot #	Expiry Date
2 µg	1388.910.002		
10 µg	1388.910.010		
1 mg	1388.910.199		

Please enquire for bulk quantities and other vial sizes

Description

Fibroblast Growth Factor -21 Bovine Recombinant produced in *E. Coli* is a single, non-glycosylated, polypeptide chain containing 182 amino acids, having a molecular weight of 19.5 kDa.

- **Source** *E. Coli*
- **Purity** ≥ 98 % (SDS-PAGE, Gel Filtration)
- **Endotoxin level** ≤ 0.1ng/µg (≤ 1EU/µg)
- **Buffer** The protein was lyophilized from a concentrated (0.8 mg/ml) solution with 0.4 mg/ml of NaHCO₃, pH 8*
- **Physical state** Sterile Filtered white lyophilized powder

Reconstitution

It is recommended to reconstitute the lyophilized Bovine FGF-21 in sterile water or 0.4% NaHCO₃, not less than 100µg/ml, which can then be further diluted to other aqueous solutions, preferably in presence of carrier protein.

Stability

Lyophilized FGF-21 Bovine Recombinant although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Fibroblast Growth Factor 21 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). **Please avoid repeated freeze-thaw cycles.**

Amino Acid Sequence

The sequence of the first five N-terminal amino acids was determined and was found to be Ala-His-Pro-Ile-Pro.

Usage: For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.

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