

Bovine FGF 21 Recombinant Protein



RPPB0247

Product Information Protein Information

Product SKU:

RPPB0247

Host:

Escherichia Coli.

Protein 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. The FGF-21 is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered white lyophilized powder.

Synonyms:

Fibroblast growth factor 21, FGF-21, FGF21.

Formulation:

The protein was lyophilized from a concentrated (0.8 mg/ml) solution with 0.4 mg/ml of NaHCO₃, pH 8.

Purity:

Greater than 98.0% as determined by:(a) Analysis by Gel Filtration.(b) Analysis by SDS-PAGE.

Solubility:

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 prevent 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.