

Human FGF17 Recombinant Protein



RPPB0231

Product Information Protein Information

Product SKU:

RPPB0231

Accession:

O60258

Host:

Escherichia Coli.

Protein description:

FGF17 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 195 amino acids and having a molecular mass of 22.6kDa.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Fibroblast growth factor 17, FGF-17, FGF17, FGF-13, HH20.

Formulation:

FGF17 protein was lyophilized from a 0.2µm filtered concentrated solution in PBS, pH 7.4.

Purity:

Greater than 95.0% as determined by: (a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized FGF17 in sterile 18MΩ-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized FGF17 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution FGF17 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:

MTQGENHPSP NFNQYVRDQG AMTDQLSRRQ IREYQLYSRT SGKHVQVTGR RISATAEDGN KFAKLIVETD
TFGSRVRIKG AESEKYICMN KRGKLGKPS GSKDQCVFTE IVLENNYTAF QNARHEGWFM AFTRQGRPRQ
ASRSRQNRQRE AHFIKRLYQG QLPFPNHAEK QKQFEFVGSA PTRRTKRTRR PQPLT.

Biological Activity:

Fully biologically active when compared to standard. The ED₅₀ as determined by a cell proliferation assay using murine balb/c 3T3 cells is less than 10 ng/ml, corresponding to a specific activity of >1.0 × 100,000 IU/mg.