



Recombinant Human FGF-22

Datasheet

Catalog Number: PR27021

Product Type: Recombinant Protein

Source: E.Coli

Amino Acid Sequence: The sequence of the first five N-terminal amino acids was determined and was found to be Thr-Pro-Ser-Ala-Ser.

Description/Molecular Mass: Fibroblast Growth Factor-22 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 148 amino acids and having a molecular mass of 17173 Dalton. The FGF-22 is purified by chromatographic techniques.

Biological Activity: Measured in a cell proliferation assay using IEC6 cell line (20 ng/ml can stimulate the cell proliferation of IEC6 cell line).

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

Format: The sterile protein powder is lyophilized with no additives.

Reconstitution: It is recommended to reconstitute the lyophilized Fibroblast Growth Factor-22 Human Recombinant in sterile 18M Ω -cm H₂O not less than 100 μ g/ml, which can then be further diluted to other aqueous solutions.

Storage: Lyophilized Fibroblast Growth Factor-22 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution FGF-acidic 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 freeze-thaw cycles.

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