



Recombinant Human BMP-7

Datasheet

Catalog Number: PR27026

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 Ser-Thr-Gly-Ser-Lys.

Description/Molecular Mass: Bone Morphogenetic Protein-7 Human Recombinant produced in E.Coli is a **monomeric**, non-glycosylated, Polypeptide chain containing 139 amino acids and having a molecular mass of 15679.97 Dalton. The BMP-7 is purified by proprietary chromatographic techniques.

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

Format: BMP-7 was lyophilized from a concentrated (1mg/ml) sterile solution containing 10mM sodium citrate pH=3.5.

Reconstitution: It is recommended to reconstitute the lyophilized Bone Morphogenetic Protein-7 in sterile 20mM AcOH (acetic Acid) not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Storage: Lyophilized BMP-7 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution BMP 7 Human 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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