

Human BMP 4 Recombinant Protein



RPPB0096

Product Information Protein Information

Product SKU:

RPPB0096

Accession:

P12644

Host:

Escherichia Coli.

Protein description:

Bone Morphogenetic Protein-4 Human Recombinant produced in E.Coli is a monomeric, non-glycosylated, Polypeptide chain containing 116 amino acids and having a molecular mass of 13kDa. The BMP-4 is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

BMP4, ZYME, BMP2B, BMP2B1.

Formulation:

BMP-4 was lyophilized from a 0.2µm filtered concentrated (1mg/ml) solution in 20mM Na₂CO₃ buffer, pH 9.0.

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 Bone Morphogenetic Protein-4 in sterile 18M-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized Bone Morphogenetic Protein-4 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution BMP4 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:

SPKHHSQRAR KKNKNCRRHS LYVDFSDVGW NDWIVAPPGY QAFYCHGDPC FPLADHLNST NHAIQTLVN
SVNSSIPKAC CVPTELSAIS MLYLDEYDKV VLKQYQEMVV EGCGR.