

Product: Bone Morphogenetic Protein -4 (BMP-4), human, recombinant
Catalog #: 11-BMP-4H
Amount: 5 µg

DESCRIPTION: Recombinant Human BMP-4 produced in E.Coli is a monomeric, non-glycosylated, Polypeptide chain containing 116 amino acids and having a molecular mass of 13009 Dalton
The sequence of the first five N-terminal amino acids was determined and was found to be Ser-Pro-Lys-His-His

SOURCE: *Escherichia coli*

PURITY: Greater than 95.0% as determined by:
(a) Analysis by RP-HPLC.
(b) Anion-exchange FPLC

DIMERS & AGGREGATES: <1% as determined by silver stained SDS-PAGE gel analysis

ENDOTOXIN: < 0.1 ng/µg (IEU/µg) of rHuBMP-4

PROTEIN CONTENT: Protein quantitation was carried out by two independent methods:
1) UV spectroscopy at 280 nm
2) Analysis by RP-HPLC, using a standard solution of BMP-4 as a Reference Standard.

FORM: Purified

APPLICATION: 1) Molecular standard (Western, ELISA) in studying secreted BMP-4
2) Preparing antibodies for BMP-4 monomer.
3) Molecule standard in detecting secreted BMP-4 in reduced SDS-PAGE

STORAGE: -20°C, avoid freezing and thawing cycles after reconstitution

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