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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Bone Morphogenetic Protein-2, human recombinant, monomer (rHuBMP-2)

Catalog No: 97229
Lot No: XXXXX
Source: *E. coli*
Synonyms: BMP-2, BMP2A, Bone morphogenetic protein 2, BMP-2A, BMP2

Background

BMP2 belongs to the transforming growth factor-beta (TGFB) superfamily. Bone morphogenic protein induces bone formation. BMP2 is a candidate gene for the autosomal dominant disease of fibrodysplasia (myositis) ossificans progressiva.

Description

Bone Morphogenetic protein-2 human recombinant produced in *E. coli* is a monomeric, non-glycosylated, polypeptide chain containing 115 amino acids (283-396) and having a molecular mass of 13009 Dalton. BMP-2 is purified by proprietary chromatographic techniques.

Physical Appearance

Sterile filtered colorless solution.

Formulation

BMP-2 solution contains 10 mM NaAc pH 3.5 and 10% glycerol.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store frozen at -20°C for longer periods of time. Please avoid freeze thaw cycles.

Purity

Greater than 95.0% as determined by SDS-PAGE.

Amino Acid Sequence

MQAKHKQRKR LKSSCKRHPL YVDFSDVGWN DWIVAPPGYH AFYCHGECPF PLADHLNSTN HAIVQTLVNS VNSKIPKACC
VPELSAISM LYLDENEKVV LKNYQDMVVE GCGCR

Usage

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