

BMP 2 Human, Monomer

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. The BMP-2 is purified by proprietary chromatographic techniques.

Catalog #: CYP5-634

For research use only.

Synonyms: BMP-2, BMP2A, Bone morphogenetic protein 2, BMP-2A, BMP2.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence: MQAKHKQRKR LKSSCKRHPL YVDFSDVGWN DWIVAPPGYH
AFYCHGECPP PLADHLNSTN HAIVQTLVNS VNSKIPKACC VPTELSAISMLYLDENEKVV
LKNYQDMVVE GCGCR.

Purity: Greater than 95.0% as determined by SDS-PAGE.

Formulation:

BMP-2 solution contains 10mM 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.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

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.

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