

Recombinant Human BMP4 Protein, GMP Grade, Animal-Free

Cat. No. BMP4-26HG Lot. No. (See product label)

SPECIFICATION

Product Overview GMP Recombinant Human BMP4 protein with out tag was expressed in E. coli and manufactured using animal-derived component free materials. E.coli-derived Human BMP-4 is a fully active homodimeric protein consisting of two 107 amino acid subunits, which correspond to amino acids 303-408 of the full length BMP-4 precursor, as well as an N-terminal Methionine.

Species Human

Source E.coli

ProteinLength 303-408 a.a.

Description Bone morphogenetic proteins (BMPs) constitute a subfamily within the TGF- β superfamily of structurally related signaling proteins. Members of this superfamily are widely distributed throughout the body, and are involved in diverse physiological processes during both pre- and postnatal life.

Molecular Mass 24.2 kDa

AA Sequence MKKNKNCRRHSLYVDFSDVGWNDWIVAPPGYQAFYCHGDCPFPLADHLNSTNHAI
VQTLVNSVNSSIPKACCVPTELSAISMLYLDEYDKVVLKKNYQEMVVEGCGCR

Purity \geq 98% by SDS-PAGE gel and HPLC analyses.

Full Length Full L.

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GENE INFORMATION

Gene Name	BMP4 bone morphogenetic protein 4 [Homo sapiens (human)]
Official Symbol	BMP4
Synonyms	BMP4; bone morphogenetic protein 4; BMP2B; BMP-4; BMP-2B; bone morphogenetic protein 2B; ZYME; OFC11; BMP2B1; MCOPS6;
Gene ID	652
mRNA Refseq	NM_001202
Protein Refseq	NP_001193
MIM	112262
UniProt ID	P12644

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