

Recombinant Human BMP3, His-tagged

Cat. No. BMP3-10251H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BMP3 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	22-349a.a.
Description	BMP3 belongs to the transforming growth factor-beta (TGFB) superfamily. Bone morphogenic protein, also known as osteogenin, induces bone formation.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	BMP3 bone morphogenetic protein 3 [Homo sapiens]
Official Symbol	BMP3
Synonyms	BMP3; bone morphogenetic protein 3; bone morphogenetic protein 3 (osteogenic);

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	osteogenin; BMP-3; bone morphogenetic protein-3; bone morphogenetic protein 3A; BMP-3A;
Gene ID	651
mRNA Refseq	NM_001201
Protein Refseq	NP_001192
MIM	112263
UniProt ID	P12645
Chromosome Location	4q21
Pathway	Adipogenesis, organism-specific biosystem;
Function	BMP receptor binding; cytokine activity; growth factor activity; receptor binding;

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