

## Recombinant Human BMP3, His-tagged

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

### SPECIFICATION

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

### GENE INFORMATION

<b>Gene Name</b>	BMP3 bone morphogenetic protein 3 [ Homo sapiens ]
<b>Official Symbol</b>	BMP3
<b>Synonyms</b>	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;
<b>Gene ID</b>	651
<b>mRNA Refseq</b>	NM_001201
<b>Protein Refseq</b>	NP_001192
<b>MIM</b>	112263
<b>UniProt ID</b>	P12645
<b>Chromosome Location</b>	4q21
<b>Pathway</b>	Adipogenesis, organism-specific biosystem;
<b>Function</b>	BMP receptor binding; cytokine activity; growth factor activity; receptor binding;

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