

## Active Recombinant Mouse BMP4 Protein, His-MBP-tagged

Cat. No. BMP4-267H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Mouse Bmp4 (P21275, 303 a.a. - 408 a.a.) partial recombinant protein expressed in Escherichia coli.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	303-408 a.a.
<b>Form</b>	Lyophilized from solutions contain no sodiun azide nor carrier protein
<b>Bio-activity</b>	Determined by its ability to induce alkaline phosphatase production by ATDC-5 cells. The expected ED50 for this effect is 5-15 ng/ml.
<b>AA Sequence</b>	KKNKNCRRHSLYVDFSDVGWNDWIVAPPGYQAFYCHGDCPFPLADHLNSTNHAIV QTLVNSVNSSIPKACCVPTELSAISMLYLDEYDKVVLKKNYQEMVVEGCGCRKKNKN CRRHSLYVDFSDVGWNDWIVAPPGYQAFYCHGDCPFPLADHLNSTNHAIVQTLVNS VNSSIPKACCVPTELSAISMLYLDEYDKVVLKKNYQEMVVEGCGCR
<b>Endotoxin</b>	Endotoxin level is < 0.1 ng/ug of protein (< 1 EU/ug).
<b>Purity</b>	98%
<b>Storage</b>	Store at -20 centigrade.Reconstitute in 10 mM Citric Acid to a concentration of 0.1-1.0 mg/mL. Do not vortex. Aliquot to avoid repeated freezing and thawing.

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**Storage Buffer**

Lyophilized from solutions contain no sodium azide nor carrier protein

**GENE INFORMATION****Gene Name**Bmp4 bone morphogenetic protein 4 [ *Mus musculus* ]**Official Symbol**

Bmp4

**Synonyms**BMP4; bone morphogenetic protein 4; BMP-2B; bone morphogenetic protein 2B;  
Bmp-4; Bmp2b; Bmp2b1; Bmp2b-1;**Gene ID**

12159

**mRNA Refseq**

NM\_007554

**Protein Refseq**

NP\_031580

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