

Active Recombinant Mouse BMP4 Protein, His-MBP-tagged

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

SPECIFICATION

Product Overview	Mouse Bmp4 (P21275, 303 a.a. - 408 a.a.) partial recombinant protein expressed in Escherichia coli.
Species	Mouse
Source	E.coli
ProteinLength	303-408 a.a.
Form	Lyophilized from solutions contain no sodium azide nor carrier protein
Bio-activity	Determined by its ability to induce alkaline phosphatase production by ATDC-5 cells. The expected ED50 for this effect is 5-15 ng/ml.
AA Sequence	KKNKNCRRHSLYVDFSDVGWNDWIVAPPGYQAFYCHGDCPFPLADHLNSTNHAIV QTLVNSVNSSIPKACCVPTELSAISMLYLDEYDKVVLKNYQEMVVEGCGCRKKNKN CRRHSLYVDFSDVGWNDWIVAPPGYQAFYCHGDCPFPLADHLNSTNHAIVQTLVNS VNSSIPKACCVPTELSAISMLYLDEYDKVVLKNYQEMVVEGCGCR
Endotoxin	Endotoxin level is < 0.1 ng/ug of protein (< 1 EU/ug).
Purity	98%
Storage	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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