

Recombinant Mouse Bmp7 protein, His-tagged

Cat. No. Bmp7-42M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Bmp7(aa 25-96) fused with His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	25-96 a.a.
Description	The bone morphogenetic proteins (BMPs) are a family of secreted signaling molecules that can induce ectopic bone growth. Many BMPs are part of the transforming growth factor-beta (TGFB) superfamily. BMPs were originally identified by an ability of demineralized bone extract to induce endochondral osteogenesis in vivo in an extraskeletal site.
Form	Lyophilized from 20 mM Tris, pH 8.0, 500 mM NaCl, 1 mM EDTA, 1 mM DTT, 0.01% sarcosyl, 5% trehalose, proclin
Molecular Mass	16.9 kDa
Purity	Greater than 95%
Storage	Store at +4 centigrade for up to 1 month, or aliquot and store at -80 centigrade for up to 12 months. Avoid repeat freeze-thaw cycles.

GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Gene Name	Bmp7 bone morphogenetic protein 7 [Mus musculus]
Official Symbol	Bmp7
Synonyms	BMP7; bone morphogenetic protein 7; OP-1; BMP-7; osteogenic protein 1; OP1;
Gene ID	12162
mRNA Refseq	NM_007557
Protein Refseq	NP_031583
MIM	
UniProt ID	P23359
Chromosome Location	2 H3; 2 95.54 cM
Pathway	Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Endochondral Ossification, organism-specific biosystem; Hedgehog signaling pathway, organism-specific biosystem; Hedgehog signaling pathway, conserved biosystem; TGF-beta signaling pathway, organism-specific biosystem; TGF-beta signaling pathway, conserved biosystem;
Function	BMP receptor binding; cytokine activity; growth factor activity; heparin binding; protein binding;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA