

Active GMP Recombinant Mouse Bmp4 protein, Fc-tagged

Cat. No. Bmp4-024MG **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Mouse Bmp4 protein(NP_031580.2)(339 aa), fused with Fc Tag at the C-terminal, was expressed in HEK293 cell in an animal component free process under cGMP guidelines.
Species	Mouse
Source	HEK293
ProteinLength	DNA sequence encoding Mouse BMP-4(NCBI Reference Sequence: NP_031580.2) was expressed with Fc tag at the C-terminal.
Bio-activity	ATDC-5 cells induce the production of alkaline phosphatase to determine its activity. The expected ED 50 is 10-30ng/mL.
Molecular Mass	Recombinant Mouse BMP-4 contains 339 aa. It has a predicted MW of 38.9 kDa.
Endotoxin	<=0.01EU/ug
Purity	>=95% by SDS-PAGE and HPLC
Storage	The lyophilized preparation can be stored at 4°C for 24 months, and the dissolved liquid can be stored at -20°C for 6-12 months to avoid repeated freezing and thawing
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

 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 INFORMATION

Gene Name	Bmp4 bone morphogenetic protein 4 [Mus musculus]
Official Symbol	Bmp4
Synonyms	Bmp-; Bmp2; Bmp-4; Bmp2b; Bmp2b-; Bmp2b1; Bmp2b-1
Gene ID	12159
mRNA Refseq	NM_007554
Protein Refseq	NP_031580
UniProt ID	P21275

 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