

Recombinant Mouse BMP4 protein, rFc-tagged

Cat. No. BMP4-869M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse BMP4 protein(NP_031580.2)(Ser293-Arg408), fused with rFc tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Ser293-Arg408
Form	Lyophilized from sterile PBS, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant mouse BMP4 consists 365 amino acids and predicts a molecular mass of 40.6 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 92 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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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