

Recombinant Mouse Bmper protein, His & T7-tagged

Cat. No. Bmper-1686M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Bmper aa. (Ser40~Ile298 (Accession # Q8CJ69)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Ser40~Ile298
Description	This gene encodes a secreted protein that contains five Von Willebrand factor type C domains and a Von Willebrand factor type D domain and a trypsin inhibitory-like domain. The encoded protein binds to bone morphogenetic proteins (BMP) and regulates their activity. Mutation of the related gene in humans causes diaphanospondylodysostosis.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 32.1kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Isoelectric Point	5.9

GENE INFORMATION

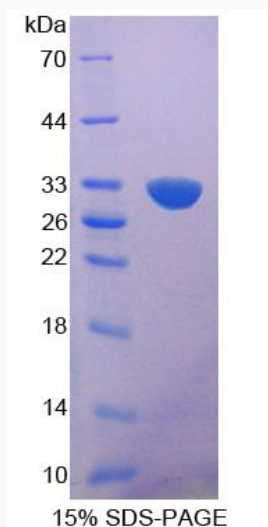
Gene Name	Bmper BMP-binding endothelial regulator [<i>Mus musculus</i> (house mouse)]
Official Symbol	Bmper
Synonyms	Bmper; BMP-binding endothelial regulator; Cv2; CV-2; Crim3; 3110056H04Rik; BMP-binding endothelial regulator protein; bone morphogenetic protein-binding endothelial cell precursor-derived regulator; crossveinless-2
Gene ID	73230
mRNA Refseq	NM_028472.2
Protein Refseq	NP_082748.1
UniProt ID	Q8CJ69

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SDS-PAGE



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