

## Recombinant Mouse Bmper protein, His & T7-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Bmper aa. (Ser40~Ile298 (Accession # Q8CJ69)) fused with N-terminal His & T7 tag was produced in E. coli cells.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ser40~Ile298
<b>Description</b>	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.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 32.1kDa
<b>Endotoxin</b>	<1.0EU per 1ug (determined by the LAL method)
<b>Purity</b>	>95%
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP.

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<b>Stability</b>	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.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
<b>Storage buffer</b>	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
<b>Reconstitution</b>	Reconstitute in sterile PBS, pH7.2-pH7.4.
<b>Isoelectric Point</b>	5.9

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">Bmper BMP-binding endothelial regulator [ Mus musculus (house mouse) ]</a>
<b>Official Symbol</b>	<a href="#">Bmper</a>
<b>Synonyms</b>	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
<b>Gene ID</b>	<a href="#">73230</a>
<b>mRNA Refseq</b>	<a href="#">NM_028472.2</a>
<b>Protein Refseq</b>	<a href="#">NP_082748.1</a>
<b>UniProt ID</b>	<a href="#">Q8CJ69</a>

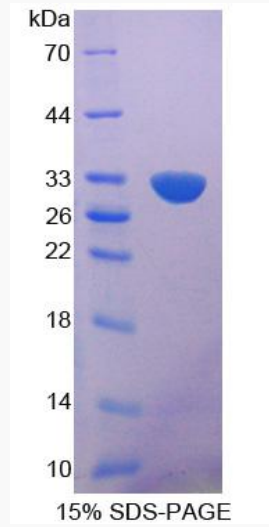
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SDS-PAGE



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