

# Recombinant Mouse Psmb9 Protein, His-tagged

**Cat. No.** Psmb9-468M    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                     |
|-------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Psmb9(Thr22~Glu219) fused with His tag at N-terminal was expressed in E. coli.                    |
| <b>Species</b>          | Mouse                                                                                                               |
| <b>Source</b>           | E.coli                                                                                                              |
| <b>ProteinLength</b>    | Thr22~Glu219                                                                                                        |
| <b>Description</b>      | Psmb9 played an important role in many functions.                                                                   |
| <b>Form</b>             | PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.                                             |
| <b>Molecular Mass</b>   | 25.0kDa                                                                                                             |
| <b>Identity</b>         | Reconstitute in PBS or others                                                                                       |
| <b>Endotoxin</b>        | <1.0EU per 1g (determined by the LAL method)                                                                        |
| <b>Purity</b>           | > 95%                                                                                                               |
| <b>Applications</b>     | Positive Control; Immunogen; SDS-PAGE; WB.<br>If bio-activity of the protein is needed, please check active protein |
| <b>Stability</b>        | The thermal stability is described by the loss rate. The loss rate was determined by                                |

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade 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 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

**Reconstitution**

Reconstitute in PBS or others

## GENE INFORMATION

**Gene Name**

[Psmb9 proteasome \(prosome, macropain\) subunit, beta type 9 \(large multifunctional peptidase 2\) \[ Mus musculus \]](#)

**Official Symbol**

[Psmb9](#)

**Synonyms**

PSMB9; proteasome (prosome, macropain) subunit, beta type 9 (large multifunctional peptidase 2); proteasome subunit beta type-9; LMP-2d; macropain chain 7; proteasome chain 7; proteosome beta 9 subunit; proteasome subunit beta-1i; low molecular mass protein 2; large multifunctional protease 2; really interesting new gene 12 protein; multicatalytic endopeptidase complex chain 7; proteosome (prosome, macropain) subunit, beta type 9 (large multifunctional peptidase 2); Lmp2; Lmp-2;

**Gene ID**

[16912](#)

**mRNA Refseq**

[NM\\_013585](#)

**Protein Refseq**

[NP\\_038613](#)

**UniProt ID**

[P28076](#)

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