

Recombinant Mouse Psmb4 Protein, His-tagged

Cat. No. Psmb4-1995M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Psmb4 Protein (Met1-Glu264) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Met1-Glu264
Description	Enables lipopolysaccharide binding activity. Involved in negative regulation of inflammatory response to antigenic stimulus. Part of proteasome core complex. Is expressed in cerebral cortex and embryo. Orthologous to human PSMB4 (proteasome 20S subunit beta 4).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 32.8 kDa Accurate Molecular Mass: 33 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
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 centigrade for

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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.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

Psmb4 proteasome (prosome, macropain) subunit, beta type 4 [*Mus musculus* (house mouse)]

Official Symbol

Psmb4

Synonyms

PSMB4; proteasome (prosome, macropain) subunit, beta type 4; proteasome subunit beta type-4; proteasome chain 3; macropain beta chain; proteasome beta chain; low molecular mass protein 3; multicatalytic endopeptidase complex beta chain; Pros-27;

Gene ID

19172

mRNA Refseq

NM_008945

Protein Refseq

NP_032971

UniProt ID

P99026

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