

## Recombinant Mouse Psmb7 protein

**Cat. No.** Psmb7-4838M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                               |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Psmb7 protein(P70195)(44-277 aa) was expressed in Mammalian Cells.                                                                                                                                                                                          |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                         |
| <b>Source</b>           | Mammalian Cells                                                                                                                                                                                                                                                               |
| <b>ProteinLength</b>    | 44-277 aa                                                                                                                                                                                                                                                                     |
| <b>Form</b>             | Tris/PBS-based buffer, 6% Trehalose.                                                                                                                                                                                                                                          |
| <b>AASequence</b>       | TTIAGVV YKDGIVLGAD TRATEGMVVA DKNCSKIHFI SPNIYCCGAG<br>TAADTDMTTQ LISSNLELHS LTTGRLPRVV TANRMLKQML FRYQGYIGAA<br>LVLGGVDVTG PHLYSIYPHG STDKLPYVTM GSGSLAAMAV FEDKFRPDME<br>EEEAKKLVSE AIAAGIFNDL GSGSNIDLCV ISKSKLDFLR PFSVPNKKGT<br>RLGRYRCEKG TTAVLTEKVT PLEIEVLEET VQTMDTS |
| <b>Purity</b>           | >85% (SDS-PAGE)                                                                                                                                                                                                                                                               |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                                |
| <b>Reconstitution</b>   | Please reconstitute protein indeionized sterile water to a concentration of 0.1-1.0 mg/mL. Aliquot for long-term storage at -80°C.                                                                                                                                            |

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## GENE INFORMATION

|                 |                                                                                                                                                                                                     |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | Psmb7 proteasome (prosome, macropain) subunit, beta type 7 [ Mus musculus ]                                                                                                                         |
| Official Symbol | Psmb7                                                                                                                                                                                               |
| Synonyms        | PSMB7; proteasome (prosome, macropain) subunit, beta type 7; proteasome subunit beta type-7; macropain chain Z; proteasome subunit Z; multicatalytic endopeptidase complex chain Z; MC14; AU020723; |
| Gene ID         | 19177                                                                                                                                                                                               |
| mRNA Refseq     | NM_011187                                                                                                                                                                                           |
| Protein Refseq  | NP_035317                                                                                                                                                                                           |

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