

## Recombinant Human PSMB7 protein, GST-tagged

**Cat. No.** PSMB7-5163H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                               |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human PSMB7 protein(Q99436)(44-275aa), fused to N-terminal GST tag, was expressed in E. coli.                                                                                                                                                     |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                         |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                        |
| <b>ProteinLength</b>    | 44-275aa                                                                                                                                                                                                                                                      |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.<br>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.                         |
| <b>Molecular Mass</b>   | 52.1 kDa                                                                                                                                                                                                                                                      |
| <b>Purity</b>           | Greater than 90% as determined by 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 in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. |

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## GENE INFORMATION

**Gene Name** PSMB7 proteasome (prosome, macropain) subunit, beta type, 7 [ Homo sapiens ]

**Official Symbol** PSMB7

**Synonyms** PSMB7; proteasome (prosome, macropain) subunit, beta type, 7; proteasome subunit beta type-7; Z; macropain chain Z; proteasome subunit Z; proteasome subunit alpha; proteasome subunit beta 7; proteasome catalytic subunit 2; multicatalytic endopeptidase complex chain Z;

**Gene ID** 5695

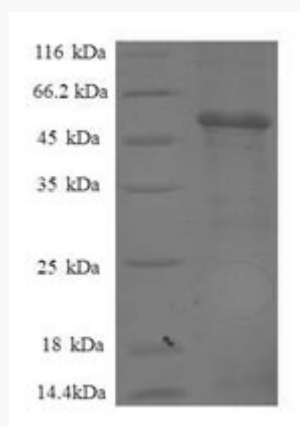
**mRNA Refseq** NM\_002799

**Protein Refseq** NP\_002790

**MIM** 604030

**UniProt ID** Q99436

### SDS-PAGE



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