

## Recombinant Human PSMB2 protein, GST-tagged

**Cat. No.** PSMB2-5165H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                               |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human PSMB2 protein(P49721)(1-201aa), fused to N-terminal GST tag, was expressed in E. coli.                                                                                                                                                      |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                         |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                        |
| <b>ProteinLength</b>    | 1-201aa                                                                                                                                                                                                                                                       |
| <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>   | 49.8 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%. |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

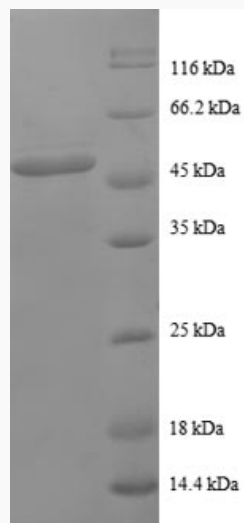
## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                                                                         |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | PSMB2 proteasome (prosome, macropain) subunit, beta type, 2 [ Homo sapiens ]                                                                                                                                                                                                                                                                            |
| <b>Official Symbol</b> | PSMB2                                                                                                                                                                                                                                                                                                                                                   |
| <b>Synonyms</b>        | PSMB2; proteasome (prosome, macropain) subunit, beta type, 2; proteasome subunit beta type-2; HC7 I; macropain subunit C7-I; proteasome beta 2 subunit; proteasome component C7-I; proteasome subunit, beta type, 2; multicatalytic endopeptidase complex subunit C7-1; multicatalytic endopeptidase complex subunit C7-I; HC7-I; MGC104215; MGC126885; |
| <b>Gene ID</b>         | 5690                                                                                                                                                                                                                                                                                                                                                    |
| <b>mRNA Refseq</b>     | NM_001199779                                                                                                                                                                                                                                                                                                                                            |
| <b>Protein Refseq</b>  | NP_001186708                                                                                                                                                                                                                                                                                                                                            |
| <b>MIM</b>             | 602175                                                                                                                                                                                                                                                                                                                                                  |
| <b>UniProt ID</b>      | P49721                                                                                                                                                                                                                                                                                                                                                  |

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**SDS-PAGE**

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