

## Product datasheet for **TP523033**

### **Psmb9 (NM\_013585) Mouse Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Mouse proteasome (prosome, macropain) subunit, beta type 9 (large multifunctional peptidase 2) (Psmb9), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
<b>Species:</b>	Mouse
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>MR223033 representing NM_013585 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MLRAGAPTAGSFRTEEVHTGTTIMAVEFDGGVWVGS DSRVSAGTAVVNRVFDKLSPLHQHIFCALSGSAA DAQAIADMAAYQLELHGLEELPPLVLAANVVKNISYKYREDLLAHLIVAGWDQCEGGQVYGTMGMLI RQPFTIGGSGSSYIYGVDAAAYKPGMTPEECRRFTTDAITLAMNRDGSSGGVIYLVITAAAGVDHRVILG DELPKFYDE  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
<b>Tag:</b>	C-MYC/DDK
<b>Predicted MW:</b>	23.3 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C after receiving vials.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_038613</a>
<b>Locus ID:</b>	16912
<b>UniProt ID:</b>	<a href="#">P28076</a> , <a href="#">A0A0R4I256</a>



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RefSeq Size: 806

Cytogenetics: 17 17.98 cM

RefSeq ORF: 657

Synonyms: Lmp-2; Lmp2

**Summary:** The proteasome is a multicatalytic proteinase complex which is characterized by its ability to cleave peptides with Arg, Phe, Tyr, Leu, and Glu adjacent to the leaving group at neutral or slightly basic pH. The proteasome has an ATP-dependent proteolytic activity. This subunit is involved in antigen processing to generate class I binding peptides. Contributes to NFKBIA degradation and subsequently NFKB1 generation.[UniProtKB/Swiss-Prot Function]