

Recombinant Mouse Psmb6 Protein, Myc/DDK-tagged

Cat. No. Psmb6-5182M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length proteasome (prosome, macropain) subunit, beta type 6 (Psmb6), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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. May catalyze basal processing of intracellular antigens.
Molecular Mass	21.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Psmb6 proteasome (prosome, macropain) subunit, beta type 6 [Mus musculus (house mouse)]
Official Symbol	Psmb6
Synonyms	PSMB6; proteasome (prosome, macropain) subunit, beta type 6; proteasome subunit beta type-6; subunit 2; proteasome subunit Y; macropain delta chain; proteasome delta chain; low molecular mass protein 19; multicatalytic endopeptidase complex delta chain; Mpnd; Lmp19
Gene ID	19175
mRNA Refseq	NM_008946
Protein Refseq	NP_032972
UniProt ID	Q60692

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