

Recombinant Mouse Psme2 Protein, Myc/DDK-tagged

Cat. No. Psme2-5202M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length proteasome (prosome, macropain) activator subunit 2 (PA28 beta) (Psme2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Implicated in immunoproteasome assembly and required for efficient antigen processing. The PA28 activator complex enhances the generation of class I binding peptides by altering the cleavage pattern of the proteasome.
Molecular Mass	27.1 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	Psme2 proteasome (prosome, macropain) activator subunit 2 (PA28 beta) [Mus musculus (house mouse)]
Official Symbol	Psme2
Synonyms	PSME2; proteasome (prosome, macropain) 28 subunit, beta; proteasome activator complex subunit 2; PA28beta; REG-beta; 11S regulator complex subunit beta; proteasome activator 28 subunit beta; activator of multicatalytic protease subunit 2; protease (prosome, macropain) 28 subunit, beta; PA28b; AA589371; A1788882
Gene ID	19188
mRNA Refseq	NM_011190
Protein Refseq	NP_035320
UniProt ID	P97372

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