

Recombinant Mouse Psme1 Protein, Myc/DDK-tagged

Cat. No. Psme1-5201M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length proteasome (prosome, macropain) activator subunit 1 (PA28 alpha) (Psme1), 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	28.7 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	Psme1 proteasome (prosome, macropain) activator subunit 1 (PA28 alpha) [Mus musculus (house mouse)]
Official Symbol	Psme1
Synonyms	PSME1; proteasome (prosome, macropain) 28 subunit, alpha; proteasome activator complex subunit 1; PA28alpha; REG-alpha; PA28 alpha subunit; 11S regulator complex subunit alpha; proteasome activator 28 subunit alpha; activator of multicatalytic protease subunit 1; protease (prosome, macropain) 28 subunit, alpha; PA28a; AW413925; MGC113815
Gene ID	19186
mRNA Refseq	NM_011189
Protein Refseq	NP_035319
UniProt ID	P97371

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