

Recombinant Mouse Psmc1 Protein, Myc/DDK-tagged

Cat. No. Psmc1-5183M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length protease (prosome, macropain) 26S subunit, ATPase 1 (Psmc1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	The 26S protease is involved in the ATP-dependent degradation of ubiquitinated proteins. The regulatory (or ATPase) complex confers ATP dependency and substrate specificity to the 26S complex.
Molecular Mass	49.2 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	Psmc1 protease (prosome, macropain) 26S subunit, ATPase 1 [Mus musculus (house mouse)]
Official Symbol	Psmc1
Synonyms	PSMC1; protease (prosome, macropain) 26S subunit, ATPase 1; 26S protease regulatory subunit 4; proteasome 26S subunit ATPase 1; 26S proteasome AAA-ATPase subunit RPT2; S4; P26s4; AI325227
Gene ID	19179
mRNA Refseq	NM_008947
Protein Refseq	NP_032973
UniProt ID	P62192

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