

Recombinant Mouse Psmd5 Protein, Myc/DDK-tagged

Cat. No. Psmd5-5196M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length proteasome (prosome, macropain) 26S subunit, non-ATPase, 5 (Psmd5), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Acts as a chaperone during the assembly of the 26S proteasome, specifically of the base subcomplex of the PA700/19S regulatory complex (RC). In the initial step of the base subcomplex assembly is part of an intermediate PSMD5:PSMC2:PSMC1:PSMD2 module which probably assembles with a PSMD10:PSMC4:PSMC5:PAAF1 module followed by dissociation of PSMD5.
Molecular Mass	56.4 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

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Psmc5 proteasome (prosome, macropain) 26S subunit, non-ATPase, 5 [Mus musculus (house mouse)]
Official Symbol	Psmc5
Synonyms	PSMD5; proteasome (prosome, macropain) 26S subunit, non-ATPase, 5; 26S proteasome non-ATPase regulatory subunit 5; 26S proteasome subunit S5B; 26S protease subunit S5 basic; S5b; W91691; AW475925; mKIAA0072; 1500032A03Rik; KIAA0072
Gene ID	66998
mRNA Refseq	NM_080554
Protein Refseq	NP_542121
UniProt ID	Q8BJY1

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