

## Recombinant Mouse Psmc5 Protein, Myc/DDK-tagged

Cat. No. Psmc5-5187M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length protease (prosome, macropain) 26S subunit, ATPase 5 (cDNA clone MGC:31044 IMAGE:3994523), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	38.8 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

## GENE INFORMATION

**Gene Name** Psmc5 protease (prosome, macropain) 26S subunit, ATPase 5 [ Mus musculus (house mouse) ]

**Official Symbol** Psmc5

**Synonyms** Psmc5; protease (prosome, macropain) 26S subunit, ATPase 5; Rp; Rpt6; mSUG; mSUG1; 26S proteasome regulatory subunit 8; 26S protease regulatory subunit 8; 26S proteasome AAA-ATPase subunit RPT6; p45/SUG; proteasome 26S subunit ATPase 5; proteasome subunit p45

**Gene ID** 19184

**mRNA Refseq** NM\_008950

**Protein Refseq** NP\_032976

**UniProt ID** P62196

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