

Recombinant Mouse Psmd8 Protein, Myc/DDK-tagged

Cat. No. Psmd8-5199M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length proteasome (prosome, macropain) 26S subunit, non-ATPase, 8 (cDNA clone MGC:6454 IMAGE:2609781), complete, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Component of the 26S proteasome, a multiprotein complex involved in the ATP-dependent degradation of ubiquitinated proteins. This complex plays a key role in the maintenance of protein homeostasis by removing misfolded or damaged proteins, which could impair cellular functions, and by removing proteins whose functions are no longer required. Therefore, the proteasome participates in numerous cellular processes, including cell cycle progression, apoptosis, or DNA damage repair.
Molecular Mass	29.9 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	Psmc8 proteasome (prosome, macropain) 26S subunit, non-ATPase, 8 [Mus musculus (house mouse)]
Official Symbol	Psmc8
Synonyms	Psmc8; proteasome (prosome, macropain) 26S subunit, non-ATPase, 8; C76433; AA407360; AL033291; AL033322; AL033323; 6720456J22Rik; 26S proteasome non-ATPase regulatory subunit 8; 26S proteasome regulatory subunit RPN12; 26S proteasome regulatory subunit S14; proteasome 26S non-ATPase subunit 8
Gene ID	57296
mRNA Refseq	NM_026545
Protein Refseq	NP_080821
UniProt ID	Q9CX56

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