

Recombinant Mouse Psmd13 Protein, Myc/DDK-tagged

Cat. No. Psmd13-5191M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length proteasome (prosome, macropain) 26S subunit, non-ATPase, 13 (Psmd13), 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	42.8 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

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

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

GENE INFORMATION

Gene Name [Psmid13 proteasome \(prosome, macropain\) 26S subunit, non-ATPase, 13 \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Psmid13](#)

Synonyms PSMD13; proteasome (prosome, macropain) 26S subunit, non-ATPase, 13; 26S proteasome non-ATPase regulatory subunit 13; 26S proteasome subunit p40.5; 26S proteasome regulatory subunit S11; 26S proteasome regulatory subunit RPN9; 26S proteasome regulatory subunit p40.5; S11

Gene ID [23997](#)

mRNA Refseq [NM_011875](#)

Protein Refseq [NP_036005](#)

UniProt ID [Q9WVJ2](#)

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