Recombinant Mouse Psmf1 Protein, Myc/DDK-tagged

Cat. No. Psmf1-5204M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length proteasome (prosome, macropain) inhibitor subunit 1 (Psmf1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Plays an important role in control of proteasome function. Inhibits the hydrolysis of protein and peptide substrates by the 20S proteasome. Also inhibits the activation of the proteasome by the proteasome regulatory proteins PA700 and PA28.
Molecular Mass	29.7 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	Psmf1 proteasome (prosome, macropain) inhibitor subunit 1 [Mus musculus (house mouse)]
Official Symbol	Psmf1
Synonyms	PSMF1; proteasome (prosome, macropain) inhibitor subunit 1; proteasome inhibitor PI31 subunit; PI31; AW048666; BC012260; MGC18784
Gene ID	228769
mRNA Refseq	NM_212446
Protein Refseq	NP_997611
UniProt ID	Q8BHL8

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