

Product datasheet for **TP508507**

Psm3 (NM_009439) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse proteasome (prosome, macropain) 26S subunit, non-ATPase, 3 (Psm3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR208507 protein sequence
Red=Cloning site **Green**=Tags(s)

MKQEGSARRRGADKAKPPPGGEQEP PPPAPQDVEMKEEAAAGSGSTGEGDGKAAATEHSQRELDVTLED
IKEHVRQLEKAVSGKEPRFVLRALRMLPSTSRRLNHYVLYKAVHGFFTSNNATRDFLPFLEEPMDEAD
LQFRPRTGKAASAPLLPEVEAYLQLLMVIFLMNSKRYKEAQKISDDLQKISTQNRALDLVAAKCYYYH
ARVYFLDKLDVRSFLHARLRTATLRHDADGQATLLNLLLRNYLHYSLYDQAEKLVSKSVFPEQANNNE
WARYLYYTGRKAIQLEYSEARRMTNLRKAPQHTAVGFKQTVHKLLIWELLG EIPDRLQFRQPSLK
RSLMPYFLLTQAVRTGNLAKFNQVLDQFGEKFQTDGTYTLIIRLRHNVIKTGVRMISLSYSRISLADIAQ
KLQLDSPEDA EFIVAKAIRDGVIEASINHEKGYVQSKEMIDIYSTREPQLAFHQIRISFCLDIHNMSVKAM
RFPKSYNKDLESAEERREREQQDLEFAKEMAEDDDDSFP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 60.7 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C after receiving vials.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_033465](#)



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Locus ID: 22123

UniProt ID: [P14685](#)

RefSeq Size: 2167

Cytogenetics: 11 62.39 cM

RefSeq ORF: 1593

Synonyms: AI255837; AntP91a; D11Bwg1349e; Psd3; Tstap91a

Summary: 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.[UniProtKB/Swiss-Prot Function]