

Product datasheet for TP511143

Psm2 (NM_134101) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse proteasome (prosome, macropain) 26S subunit, non-ATPase, 2 (Psm2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR211143 protein sequence Red =Cloning site Green =Tags(s)
	<p>MEEGGRDKTPVQSQQPSATTPSGADEKSSGKERRDAGEKDKEQELSEEDKQLQDELEMLVERLGEKDTSL YRPALEELRRQIRSSTTSMTSVPKPLKFLRPHYGKLEIYENMAPGENKCFADIISVLAMTMSGERECL KYRLVGSQEELASWGHEYVRHLAGEVAKEWQELDDAEKAQREPLTLVKEIVPYNMAHNAEHEACDLLME IEQVDMLEKDIDENAYAKVCLYLTSVCVNVPEPENSALLRCALGVFRKFSRFPALRLALMLNDMELVED IFTSCKDWWWQKQMAFMLGRHGVFLELSEDEVEEYEDLTEIMSNVQLNSNFLALARELDIMEPKVPDDIYK THLENNRFGGSGSQVDSARMNLASSFVNGFVNAAFGQDKLLTDDGNKWLYKNKDHGMLSAASLGMILLW DVDGGLTQIDKYLYSSEDIKSGALLACGIVNSGVRNECDPALALLSDYVLHNSNTMRLGSIIFGLGLAYA GSNREDVLTLLLPVMGDSKSSMEVAGVTALACGMIAVGSCNGDVTSTILQTIMEKSETELKDTYARWLPL GLGLNHLGKGEAIEAILAALEVSEPFVNFANTLVDVCAVAGSGNVLKVQQLLHICSEHFDSKEEKEDKD KKEKKDKKKEAPADMGAHQGVAVLGIAMGEEIGAEMALRTFGHLLRYGEPTLRRVPLALALISVS NPRLNILDTLKFSHDADPEVSYNSIFAMGMVSGTNNARLAAMLRLQAQYHAKDPNNLFMVRLAQGLTH LGKGTLTLCYPYHSDRQLMSQVAVAGLLTVLVSFLDVRNIILGKSHYVLYGLVAAMQPRMLVTFDEELRPL PVSVRVGQAVDVVGQAGPKTITGFQTHTPVLLAHGERAELATEEFLPVTPILEGFVILRKNPNYDL</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	100.2 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.



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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_598862
Locus ID:	21762
UniProt ID:	Q8VDM4 , Q3TKV1
RefSeq Size:	3000
Cytogenetics:	16 B1
RefSeq ORF:	2727
Synonyms:	9430095H01Rik; AA407121; TEG-190; Tex190
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]