

Product datasheet for TP503941

Psmg1 (NM_019537) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse proteasome (prosome, macropain) assembly chaperone 1 (Psmg1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR203941 protein sequence Red =Cloning site Green =Tags(s)
	<p>MAATFFGEVVKAPCRAGTEEEEEEEQSRRTDPEDREVRRLQARKREVLLRRQTETSLEAVLLETHPCS KFIIAVGSNATAFLSAFVMNSGVWEEVGCALWNEWCRTTDTVRLSPTDVFVYQLKSDPSVFLCQCSC YIADQFQWLEKVFQPRKSMQVTLTCRHITDYKTPESTCSLSSPFLRALKTQTFKDALCCPLLEQP NIVHDLAAVLSYCVWQKIPAVLYLCYTDVMKLDVRTVEAFKPLLSSRSKCLVKNIPESTEILKKLMTT NEIQSNIYT</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	33.1 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_062410
Locus ID:	56088
UniProt ID:	Q9JK23



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RefSeq Size: 1017

Cytogenetics: 16 C4

RefSeq ORF: 870

Synonyms: AW552102; Dscr2

Summary: Chaperone protein which promotes assembly of the 20S proteasome as part of a heterodimer with PSMG2. The PSMG1-PSMG2 heterodimer binds to the PSMA5 and PSMA7 proteasome subunits, promotes assembly of the proteasome alpha subunits into the heteroheptameric alpha ring and prevents alpha ring dimerization (By similarity).[UniProtKB/Swiss-Prot Function]