

Product datasheet for TP508111

Psm5 (NM_080554) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse proteasome (prosome, macropain) 26S subunit, non-ATPase, 5 (Psm5), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR208111 representing NM_080554 Red=Cloning site Green=Tags(s)

MAAQAVSLLREVARLEAPLEELRALQSVVQAVPLHELREQAAELRLRPLFSLNQNREQTALCVSILER
LLQAVEPIHLARNLRDLQRLTHPDDSVKTLTSLQIGRIVENSEAVTEILNNAELLKQIVYCIGGENLS
VAKAAIKSLSRISLTQAGLEALFESNLLDDLKNVMKTNADVRYRYELIIDISSVSSESLNYCTTSGLVT
QLLKELTGEDVLRATCIEMVTSLAYTHHGRQYLAQEGVIDQISNIIVGADSDPFGFYLPGFVKFFGNL
AVMDSPQICERYPVFLEKVFEMADSQDPTMIGVAVDTVGILGSSVEGKQVLQKTGTRFERVLMRVGYQA
KNASTELKIRCLDAVSSLLYLSPEQQTDDFLGMTESWFSSMSRDSLELFRGISNQPFPELHCAALKVFTA
IADQPWAQRLMFSNPGFVEFVMDRSVEHDKASKDAKYELVKALANSKTVAEIFGNSNYLRLRAYLSEGPY
YVKPVATTAVEGAD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	56.4 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_542121



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Locus ID:	66998
UniProt ID:	Q8BIY1
RefSeq Size:	2065
Cytogenetics:	2 B
RefSeq ORF:	1512
Synonyms:	1500032A03Rik; AW475925; mKIAA0072; S5b; W91691
Summary:	Acts as a chaperone during the assembly of the 26S proteasome, specifically of the base subcomplex of the PA700/19S regulatory complex (RC). In the initial step of the base subcomplex assembly is part of an intermediate PSMD5:PSMC2:PSMC1:PSMD2 module which probably assembles with a PSMD10:PSMC4:PSMC5:PAAF1 module followed by dissociation of PSMD5 (By similarity).[UniProtKB/Swiss-Prot Function]