

## Product datasheet for TP508236

### Smu1 (NM\_021535) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse smu-1 suppressor of mec-8 and unc-52 homolog (C. elegans) (Smu1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR208236 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MSIEIESSDVIRLIMQYLKENS LHRALATLQEETT VSLNTVDSIESFVADINSGHWDTVLQAIQSLKLPD  
KTLIDL YEQVWLELIELRELGAARSLLRQTDP MIMLKQTQPERYIHLENLLARSYFDPREAYPDGSSKEK  
RRAAIAQALAGEVSVVPPSRLMALLGQALKWQQHQGLLPPGMTIDLFRGKA AVKDVEEEKFPTQLSRHIK  
FGQKSHVECARFSPDGQYLVTGSDGFIEVWNFTTGKIRKDLKYQAQDNFMMMDDAVLCMCFSRDTEMLA  
TGAQDGKIKVWKIQSGQCLRRFERAHSKGV TCLSFSKDSSQILSASFQDTIRIHGLKSGKTLKEFRGHSS  
FVNEATFTQDGHYIISASSDGT VKIWNMKTTECSNTFKSLGSTAGTDITVNSVILLPKNPEHFVVCNRSN  
TVVIMNMQGQIVRSFSSGKREGGDFVCCALSPRGEWIYCVGEDFVLYCFSTVTGKLERLT LVHEKDVIGI  
AHHPHQNL IATYSEDGLLKLWKP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	57.5 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:	<a href="#">NP_067510</a>



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Locus ID:	74255
UniProt ID:	<a href="#">Q3UKJ7</a>
RefSeq Size:	3273
Cytogenetics:	4 A5
RefSeq ORF:	1542
Synonyms:	2600001O03Rik; 2610203K23Rik; AB044414; AI845086; AW556129; Bwd
Summary:	Involved in pre-mRNA splicing as a component of the spliceosome (By similarity). Regulates alternative splicing of the HSPG2 pre-mRNA (By similarity). Required for normal accumulation of IK (By similarity). Required for normal mitotic spindle assembly and normal progress through mitosis (By similarity).[UniProtKB/Swiss-Prot Function]