

## Product datasheet for TP504222

### Srm (NM\_009272) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse spermidine synthase (Srm), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR204222 representing NM_009272 Red=Cloning site Green=Tags(s)
	MEPGPDGPAAPGPAAIREGWFRETCSLWPGQALSQVEQLLHRRSRYQDILVFRSKTYGNVLVLDGVIQ CTERDEFSYQEMIANLPLCSHPNPRKVLIIGGDGGVLEVVKHPSVESVWQCEIDEDVIEVSKKFLPGM AVGFSSSKLTLHVGDFEFMKQNQDAFDVIITDSSDPMGPAESLFKESYYQLMKTALKEDGILCCQGECC WLHLDLIKEMRHFCKSLFPVVDYAYCSIPTYPGQIGFMLCSKNPSTNFREPVQQLTQAQVEQMQLKYNN SDMHRAAFVLPEFTRKALNDIS
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	34.4 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:	<a href="#">NP_033298</a>
Locus ID:	20810
UniProt ID:	<a href="#">Q64674</a> , <a href="#">Q543H0</a>



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RefSeq Size: 1328

Cytogenetics: 4 E2

RefSeq ORF: 906

Synonyms: AA407669; SpdST; SpdSy

**Summary:** Catalyzes the production of spermidine from putrescine and decarboxylated S-adenosylmethionine (dcSAM). Has a strong preference for putrescine as substrate, and has very low activity towards 1,3-diaminopropane. Has extremely low activity towards spermidine (By similarity).[UniProtKB/Swiss-Prot Function]