

## Product datasheet for TP526557

### Stmn1 (NM\_019641) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse stathmin 1 (Stmn1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR226557 representing NM_019641 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MASSDIQVKELEKRASGQAFELILSPRSKESVPDFPLSPPKKKDLSLEEIQKKLEAAEERRKSHEAEVLK QLAEKREHEKEVLQKAIENNFSKMAEEKLTHKMEANKENREAQMAAKLERLREKDKHVEEVRKNKESK DPADETEAD  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-MYC/DDK
Predicted MW:	17.7 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_062615</a>
Locus ID:	16765
UniProt ID:	<a href="#">P54227</a> , <a href="#">Q545B6</a>
RefSeq Size:	1070
Cytogenetics:	4 66.76 cM



[View online »](#)

RefSeq ORF: 447

Synonyms: 19k; Lag; Lap18; Op18; P18; P19; Pig; Pp17; Pp18; Pp19; Pr22; Smn

Summary: Involved in the regulation of the microtubule (MT) filament system by destabilizing microtubules. Prevents assembly and promotes disassembly of microtubules. Phosphorylation at Ser-16 may be required for axon formation during neurogenesis (By similarity). Involved in the control of the learned and innate fear.[UniProtKB/Swiss-Prot Function]