

## Product datasheet for TP305073M

### Stathmin 1 (STMN1) (NM\_203401) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human stathmin 1/oncoprotein 18 (STMN1), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC205073 representing NM_203401 Red=Cloning site Green=Tags(s)
	<p>MASSDIQVKELEKRASGQAFELILSPRSKESVPEFPLSPPKKKDFSLLEEIQKKLEAAEERRKSHEAEVLK QLAEKREHEKEVLQKAIENNFSKMAEEKLTHKMEANKENREAQMAAKLERLREKDKHIEEVRKNKESK DPADETEAD</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	17.1 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
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_981946</a>
Locus ID:	3925
UniProt ID:	<a href="#">P16949</a>



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RefSeq Size: 1730

Cytogenetics: 1p36.11

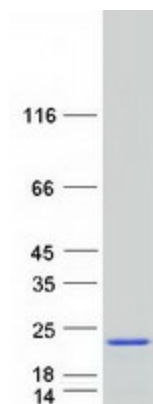
RefSeq ORF: 447

Synonyms: C1orf215; Lag; LAP18; OP18; PP17; PP19; PR22; SMN

**Summary:** This gene belongs to the stathmin family of genes. It encodes a ubiquitous cytosolic phosphoprotein proposed to function as an intracellular relay integrating regulatory signals of the cellular environment. The encoded protein is involved in the regulation of the microtubule filament system by destabilizing microtubules. It prevents assembly and promotes disassembly of microtubules. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Feb 2009]

**Protein Pathways:** MAPK signaling pathway

### Product images:



Coomassie blue staining of purified STMN1 protein (Cat# [TP305073]). The protein was produced from HEK293T cells transfected with STMN1 cDNA clone (Cat# [RC205073]) using MegaTran 2.0 (Cat# [TT210002]).