

#### OriGene Technologies, Inc.

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# Product datasheet for TP720152M

## Stathmin 1 (STMN1) (NM\_001145454) Human Recombinant Protein

# **Product data:**

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human stathmin 1/oncoprotein 18 (STMN1), transcript variant 4
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	Ala2-Asp149
Tag:	C-His
Predicted MW:	18.4 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 $\mu m$ filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Endotoxin:	< 0.1 EU per $\mu$ g protein as determined by LAL test
Reconstitution Method:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH2O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	<u>NP 001138926</u>
Locus ID:	3925
UniProt ID:	<u>P16949</u> , <u>A0A140VJW2</u>
Cytogenetics:	1p36.11
Synonyms:	C1orf215; Lag; LAP18; OP18; PP17; PP19; PR22; SMN



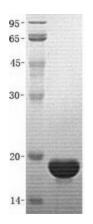
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### Stathmin 1 (STMN1) (NM\_001145454) Human Recombinant Protein – TP720152M

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

**Protein Pathways:** MAPK signaling pathway

### **Product images:**



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