

Product datasheet for TP313958

Stathmin 1 (STMN1) (NM_005563) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human stathmin 1/oncoprotein 18 (STMN1), transcript variant 3, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC213958 representing NM_005563 Red =Cloning site Green =Tags(s)
	<p>MASSDIQVKELEKRASGQAFELILSPRSKESVPEFPLSPPKKKDLSEEEIQKKLEAAEERRKSHEAEVLK 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:	NP_005554
Locus ID:	3925
UniProt ID:	P16949



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RefSeq Size: 1542

Cytogenetics: 1p36.11

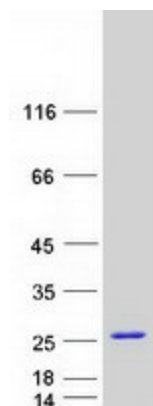
RefSeq ORF: 447

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# TP313958). The protein was produced from HEK293T cells transfected with STMN1 cDNA clone (Cat# [RC213958]) using MegaTran 2.0 (Cat# [TT210002]).