Recombinant Human STMN1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. STMN1-2900H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	STMN1 MS Standard C13 and N15-labeled recombinant protein (NP_005554) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	17.1 kDa
AA Sequence	MASSDIQVKELEKRASGQAFELILSPRSKESVPEFPLSPPKKKDLSLEEIQKKLEAAE ERRKSHEAEVLKQLAEKREHEKEVLQKAIEENNNFSKMAEEKLTHKMEANKENREA QMAAKLERLREKDKHIEEVRKNKESKDPADETEADTRTRPLEQKLISEEDLAANDILD YKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

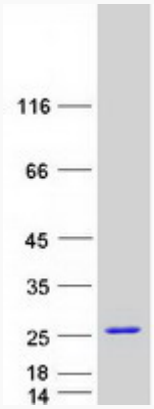
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	conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	STMN1 stathmin 1 [Homo sapiens (human)]
Official Symbol	STMN1
Synonyms	STMN1; stathmin 1; C1orf215, chromosome 1 open reading frame 215, LAP18, stathmin 1/oncoprotein 18; stathmin; FLJ32206; Lag; oncoprotein 18; OP18; PP17; PP19; PR22; SMN; prosolin; metablastin; phosphoprotein 19; phosphoprotein p19; stathmin 1/oncoprotein 18; transmembrane protein C1orf215; leukemia-associated phosphoprotein p18; LAP18; C1orf215; MGC138869; MGC138870;
Gene ID	3925
mRNA Refseq	NM_005563
Protein Refseq	NP_005554
MIM	151442
UniProt ID	P16949

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SDS-PAGE	

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