

Recombinant Human STMN1, GST-tagged

Cat. No. STMN1-364H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human STMN1(1 a.a. - 149 a.a.), fused with GST-tag at N-terminal, was expressed in wheat germ.
Species	Human
Source	Wheat Germ
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	43.7 kDa
AA Sequence	MASSDIQVKELEKRASGQAFELILSPRSKESVPEFPLSPPKKKDLSEEEIQKKLEAAE ERRKSHEAEVLKQLAEK REHEKEVLQKAIEENNNFSKMAEEKLTHKMEANKENREA QMAAKLERLREKDKHIEEVRKNKESKDPADETead
Applications	ELISA; WB-Re; AP; Array
Storage	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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GENE INFORMATION

Gene Name	STMN1 stathmin 1 [Homo sapiens]
Official Symbol	STMN1
Synonyms	STMN1; LAP18; Lag; OP18; PP17; PP19; PR22; SMN; stathmin 1; Lag; SMN; LAP18; C1orf215; FLJ32206; MGC138869; MGC138870; prosolin; metablastin; oncoprotein 18; phosphoprotein 19; OTTHUMP00000008527; OTTHUMP00000008528; OTTHUMP00000008530; stathmin 1/oncoprotein 18; leukemia-associated phosphoprotein p18; Metablastin; pp17; pp19; Protein Pr22; chromosome 1 open reading frame 215
Gene ID	3925
mRNA Refseq	NM_005563
Protein Refseq	NP_005554
MIM	151442
UniProt ID	P16949
Chromosome Location	19p13.3
Pathway	Aurora B signaling; MAPK signaling pathway; MicroRNAs in cancer
Function	signal transducer activity; tubulin binding

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