

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	<p>MASSDIQVKELEKRASGQAFELILSPRSKESVPEFPLSPPKKKDLSEEEIQKKLEAAE</p> <p>ERRKSHEAEVLKQLAEK REHEKEVLQKAIENNFSKMAEEKLTHKMEANKENREA</p> <p>QMAAKLERLREKDKHIEEVRKNKESKDPADETead</p>
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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