

STMN1 Blocking Peptide (C-Term)

Synthetic peptide

Catalog # BP22150b

Specification

STMN1 Blocking Peptide (C-Term) - Product Information

Primary Accession

[P16949](#)

Other Accession

[Q3T0C7](#), [A9YWH3](#), [Q4R712](#), [Q6DUB7](#)**STMN1 Blocking Peptide (C-Term) - Additional Information**

Gene ID 3925

Other Names

Stathmin, Leukemia-associated phosphoprotein p18, Metablastin, Oncoprotein 18, Op18, Phosphoprotein p19, pp19, Prosolin, Protein Pr22, pp17, STMN1, C1orf215, LAP18, OP18

Target/Specificity

The synthetic peptide sequence is selected from aa 126-140 of HUMAN STMN1

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

STMN1 Blocking Peptide (C-Term) - Protein Information

Name STMN1

Synonyms C1orf215, LAP18, OP18

Function

Involved in the regulation of the microtubule (MT) filament system by destabilizing microtubules. Prevents assembly and promotes disassembly of microtubules. Phosphorylation at Ser-16 may be required for axon formation during neurogenesis. Involved in the control of the learned and innate fear (By similarity).

Cellular Location

Cytoplasm, cytoskeleton.

Tissue Location

Ubiquitous. Expression is strongest in fetal and adult brain, spinal cord, and cerebellum, followed by thymus, bone marrow, testis, and fetal liver. Expression is intermediate in colon, ovary,

placenta, uterus, and trachea, and is readily detected at substantially lower levels in all other tissues examined. Lowest expression is found in adult liver. Present in much greater abundance in cells from patients with acute leukemia of different subtypes than in normal peripheral blood lymphocytes, non-leukemic proliferating lymphoid cells, bone marrow cells, or cells from patients with chronic lymphoid or myeloid leukemia.

STMN1 Blocking Peptide (C-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

STMN1 Blocking Peptide (C-Term) - Images

STMN1 Blocking Peptide (C-Term) - Background

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STMN1 Blocking Peptide (C-Term) - References

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Ota T.,et al.Nat. Genet. 36:40-45(2004).