

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



STMN2 Peptide

Cat No.: BS5948P

Background

SCG10, also designated stathmin-like 2 (STMN2), is a neuronal growth-associated protein (nGAP) that belongs to the stathmin family. Stathmin family phosphoproteins are involved in regulation of microtubule dynamics and signal transduction. SCG10, which is membrane-associated and neuron-specific, may participate in neuronal differentiation and may modulate membrane interaction with the cytoskeleton during neurite outgrowth. The SCG10 protein binds to and inhibits the assembly of microtubules, and can also induce microtubule disassembly. The assembly and disassembly of microtubules is necessary for cell division, intracellular transport and cell movements, as well as neurite elongation, outgrowth and branching in the developing nervous system.

Swiss-Prot

Q93045

Applications

Blocking

Specificity

This peptide can be used with studies using BS5948 STMN2 pAb.

Purification & Purity

Synthetic peptide STMN2. (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Research Use

For research use only, not for use in diagnostic procedure.

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