9051 Mira Mesa Blvd, #910094
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# STMN2 Human

*Stathmin Like-2 Human Recombinant*
*RCP2267*

## Product Overview

| | |
|---|---|
| Name | STMN2 Human |
| **Description** | |
| Stathmin Like-2 Human Recombinant | |
| Accession (Primary) | Q93045 |
| **Synonyms** | |
| SCG10, STMB2, SCGN10, AI159727, STMN-2, Stathmin-2, Superior cervical ganglion-10 protein, Protein SCG10, STMN2, SGC10, stathmin-like 2. | |
| **Introduction** | |
| STMN2 is a neuronal growth-associated protein which shares a majority of its amino acid sequence with the phosphoprotein stathmin. STMN2 is involved in neuronal differentiation and in modulating membrane interaction with the cytoskeleton through neurite outgrowth. STMN2 is necessary for maintaining the anchorage-independent growth state of beta-catenin/TCF-activated hepatoma cells. SCG10 is a novel indicator of osteogenesis and osteoblast that takes part in the regulation of the adipocyte/osteoblast balance. STMN2 plays a role as an effector downstream of Rnd1 to regulate axon extensions by modulating microtubule organization. | |
| **Source** | |
| Escherichia Coli. | |
| **Physical Appearance** | |
| Sterile filtered colorless solution. | |
| **Formulation** | |
| The STMN2 protein solution contains 50mM MES, pH-6.0, 0.1mM PMSF, 1 mM EDTA and 10% Glycerol. | |
| **Stability** | |
| Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles. | |
| **Purity** | |
| Greater than 85.0% as determined by SDS-PAGE. | |
| **Amino acid sequence** | |
| MDMEVKQINK RASGQAFELI LKPPSPISEA PRTLASPKKK DLSLEEIQKK LEAAEERRKS QEAQVLKQLA EKREHEREVL QKALEENNNF SKMAEEKLIL KMEQIKENRE ANLAAIIERL QEKERHAAEV RRNKELQVEL SG. | |

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**Precautions**

STMN2 Human is for research use only and not for use in diagnostic or therapeutic procedures.

## Target Information: ( Q93045 )