

## STMN3 Human

**Description:** STMN3 Recombinant Human produced in E.Coli is a single, non-glycosylated polypeptide chain containing 163 amino acids (39-180 a.a.) and having a molecular mass of 18.9 kDa. The STMN3 is fused to a 21 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.

**Catalog #:** PRPS-845

For research use only.

**Synonyms:** Stathmin-3, SCG10-like protein, STMN3, SCLIP

**Source:** Escherichia Coli.

**Physical Appearance:** Sterile filtered colorless solution.

**Amino Acid Sequence:** MGSSHHHHHH SSGLVPRGSH MDMEVKQLDK RASGQSFEVI  
LKSPSLSPE SPMLSSPPKK KDTSLEELQK RLEAAEERRK TQEAQVLKQL AERREHEREV  
LHKALEENNN FSRQAEELN YKMELSKEIR EAHLAALRER LREKELHAAE VRRNKEQREE  
MSG.

**Purity:** Greater than 85.0% as determined by SDS-PAGE.

**Formulation:**

STMN3 Human solution containing 20mM Tris-HCl pH-8, 1mM DTT & 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.

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**Introduction:**

STMN3 is a neuronal specific protein which belongs to the stathmin/oncoprotein 18 family of microtubule-destabilizing phosphoproteins. It is similar to the SCG10 protein and is involved in signal transduction and regulation of microtubule dynamics.

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