

---

## Product Data Sheet

---

Product Name: STMN2 Human  
 Cat. No.: GP24723  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	SCG10; STMB2; SCGN10; AI159727; STMN-2; Stathmin-2; Superior cervical ganglion-10 protein; Protein SCG10; STMN2; SGC10; stathmin-like 2.		
Amino Acid Sequence	MDMEVKQINK RASGQAFELI LKPPSPISEA PRTLASPKKK DLSLEEIQKK LEAAEERRKS QEAQVLKQLA EKREHEREVL QKALEENNNF SKMAEEKLIL KMEQIKENRE ANLAAIERL QEKERHAAEV RRNKELQVEL SG.		
Formulation	The STMN2 protein solution contains 50mM Tris-HCl, pH-7.5 and 10% Glycerol.		

### 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.

### 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.

### Background

Recombinant Human Stathmin Like-2 produced in E.Coli is a single, non-glycosylated

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

---

## Product Data Sheet

---

polypeptide chain containing 142 amino acids (39-179 a.a) and having a molecular mass of 16.4 kDa. STMN2 is purified by conventional chromatography techniques.

***Caution: Product has not been fully validated for medical applications. For research use only.***

***Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com***

***Address: 10292 Central Ave. #205, Montclair, CA, USA***