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## Product Data Sheet

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Product Name: STMN4 Human  
 Cat. No.: GP24725  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	RB3; Stathmin-4; Stathmin-like protein B3; TMN4.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMTLAAYK EKMKELPLVS LFCSCFLADP LNKSSYKYEG WCGRQCRRKD ESQRKDSADW RERRAQADTV DLNWCVISDM EVIELNKCTS GQSFEVILKP PSFDGVPEFN ASLPRRRDPS LEEIQKKLEA AEERRKYQEA ELLKHLAEKR EHEREVIQKA IEENNNFIKM AKEKLAQKME SNKENREAHL AAMLERLQEK DKHAEVRKN KELKEEASR.		
Formulation	The STMN4 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 20% glycerol and 1mM DTT.		

### Introduction

Stathmin Like-4, also known as STMN4, belongs to the stathmin family and shows signs of microtubule-destabilizing activity. A significant paralog of STMN4 is STMN3.

### 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

STMN4 Human Recombinant produced in E. coli is a single polypeptide chain containing 239 amino acids (1-216) and having a molecular mass of 27.8kDa. STMN4 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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

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