9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

STMN1 Human

Stathmin-1 Human Recombinant
RCP2266

Product Overview

Name	STMN1 Human
Description	
Stathmin-1 Human Recombinant	
Accession (Primary)	P16949
Synonyms	
Metablastin, Phosphoprotein p19, Oncoprotein p18, PP17, PP19, PR22, Prosolin, C1orf215, FLJ32206, MGC138869, MGC138870, STMN1, Stathmin, Leukemia-associated phosphoprotein p18, Op18, Protein Pr22, LAP18, Lag, SMN.	
Introduction	
STMN1 takes part in the regulation of the microtubule filament structure by destabilizing microtubules. STMN1 promotes the disassembly of microtubules and prevents assembly. STMN1 is a ubiquitous cytosolic phosphoprotein which functions as an intracellular relay integrating regulatory signals of the cellular environment. Stathmin functions as an Oncoprotein in regulation of the cell cycle. Stathmin mutation results in uncontrolled cell proliferation. Stathmin expression associates with cervical carcinogenesis and tumor progression, thus Stathmin is an important prognostic marker in cervical carcinoma. STMN1, takes part in the prevenative progression of ER-positive primary in breast cancer. Somatic mutation in STMN1 effects cell homeostasis that leads to tumorigenicity.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
The STMN1 protein solution contains 20mM Tris-HCl, pH-8 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 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MASSDIQVKE LEKRASGQAF ELILSPRSKE SVPEFPLSPP KKKDLSLEEI	

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QKKLEAAEER RKSHEAEVLK QLAEKREHEK EVLQKAIEEN NNFSKMAEEK LTHKMEANKE NREAQMAAKL ERLREKDKHI EEVRKNKESK DPADETEAD.

Precautions

STMN1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P16949)