

Stathmin Recombinant Protein | STMN1 recombinant protein

Stathmin, 1-149aa, Human, His tag, E Coli

CATALOG # AAA48504	HOST E Coli	APPLICATIONS SDS-Page
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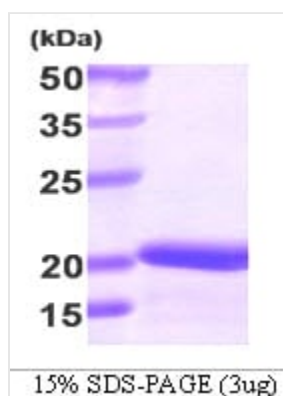
PRODUCT SYNONYMS

Stathmin; 1-149aa; Human; His tag; E Coli; STMN1; Phosphoprotein p19 (pp19); Oncoprotein 18 (Op18); pp17; Prosolin; Metablastin; LAP18; Lag; LAP 18; Leukemia associated phosphoprotein p18; Oncoprotein 18; OP 18; OP18; p18; p19; Phosphoprotein 19; Phosphoprotein p19; PP19; PR22; Pr22 protein; Protein Pr22; SMN; Stathmin1; STMN 1.; STMN1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95% by SDS-PAGE
Form/Format	Liquid. In 20 mM Tris-HCl Buffer (pH 8.0) containing 10% glycerol
Concentration	1 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSGLVPRGSH MASSDIQVKE LEKRASGQAF ELILSPRSKE SVPEFPLSPP KKKDLSLEEI QKKLEAAEER RKSHEAEVLK QLAEKREHEK EVLQKAIEEN NNFSKMAEEK LTHKMEANKE NREAQMAAKL ERLREKDKHI EEVRKNKESK DPADETEAD
Sequence Length	149
Applicable Applications for STMN1 recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for STMN1 recombinant protein	Stathmin is a ubiquitous phosphoprotein proposed to play a general role as an intracellular relay integrating diverse regulatory signals of the cellular environment. Also, Stathmin protein is involved in the regulation of the microtubule filament system by destabilizing microtubules. It prevents assembly and promotes disassembly of microtubules. The role of Stathmin in regulation of the cell cycle causes it to be an oncoprotein (Oncoprotein 18, op18). When Stathmin is mutated and not functioning properly, this protein can cause uncontrolled cell proliferation. Recombinant human Stathmin protein, fused to His-tag at N-terminus, was expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for STMN1 recombinant protein	Cell Cycle
References	Maucuer A., et al. (1990). FEBS Lett. 264 (2):275-8; Sobel A., et al. (1991). Trends Biochem Sci. 16 (8):301-5 ; Steinmetz MO., et al. (2007). J Struct Biol. 158 (2):137-47;

NCBI AND UNIPROT INFORMATION

NCBI GI #	44890050
NCBI GeneID	3925
NCBI Accession #	NP_981944
NCBI GenBank Nucleotide #	NM_203399.1
UniProt Accession #	P16949; A2A2D1; B2R4E7; B7Z8N4; D3DPJ5
Molecular Weight	19.4 kDa (169aa), confirmed by MALDI-TOF.
NCBI Official Full Name	stathmin isoform a
NCBI Official Synonym Full Names	stathmin 1
NCBI Official Symbol	STMN1
NCBI Official Synonym Symbols	Lag; SMN; OP18; PP17; PP19; PR22; LAP18; C1orf215
NCBI Protein Information	stathmin
UniProt Protein Name	Stathmin
UniProt Gene Name	STMN1
UniProt Synonym Gene Names	C1orf215; LAP18; OP18; Op18; pp19

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/stmn1-recombinant-protein-e-coli-sds-page/48504>