

Product datasheet

Recombinant Human STMN3 protein ab97900

1 Image

Description

Product name	Recombinant Human STMN3 protein
Purity	>= 85 % SDS-PAGE. ab97900 is purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	Q9NZ72
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	<i>MGSSHHHHHH SSGLVPRGSH MDMEVKQLDK RASGQSFEVILKSPDLSPE SPMLSSPPKK KDSLEELQK RLEAAEERRK TQEAQVLKQL AERREHEREV LHKALEENNN FSRQAEKLN YKMELSKEIR EAHLAALRER LREKELHAAE VRRNKEQREE MSG</i>
Predicted molecular weight	19 kDa including tags
Amino acids	39 to 180
Tags	His tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab97900** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	Mass Spectrometry SDS-PAGE
Mass spectrometry	MALDI-TOF-TOF
Form	Liquid

Preparation and Storage

Stability and Storage Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw

cycles.

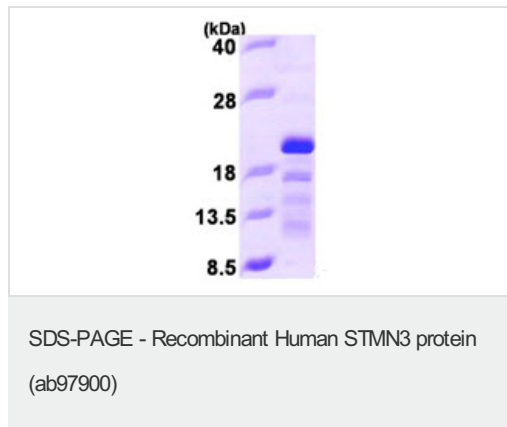
pH: 8.00

Constituents: 0.0154% DTT, 0.316% Tris HCl, 10% Glycerol

General Info

Function	Exhibits microtubule-destabilizing activity, which is antagonized by STAT3.
Tissue specificity	Neuron specific.
Sequence similarities	Belongs to the stathmin family.
Post-translational modifications	N-terminal palmitoylation promotes specific anchoring to the cytosolic leaflet of Golgi membranes and subsequent vesicular trafficking along dendrites and axons. Neuronal Stathmins are substrates for palmitoyltransferases ZDHHC3, ZDHHC7 and ZDHHC15.
Cellular localization	Golgi apparatus. Cell projection > growth cone. Cell projection > axon.

Images



15% SDS-PAGE showing ab97900 at approximately 18.9kDa (3µg).

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
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- We provide support in Chinese, English, French, German, Japanese and Spanish
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