

## Product datasheet

# Recombinant Human Spastin protein ab152700

[1 References](#) [1 Image](#)

### Description

<b>Product name</b>	Recombinant Human Spastin protein
<b>Expression system</b>	Wheat germ
<b>Accession</b>	<b><u>Q9UBP0</u></b>
<b>Protein length</b>	Protein fragment
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Sequence</b>	PVLPFSKSQTDVYNDSTNLACRNGHLQSESGAVPKRKDP LTHTSNLPRS KTVMKTGSAAGLSGHHRAPSYSGLSMVSGVKQGSGPAPT THKGTPKTNRTN KPSTP
<b>Predicted molecular weight</b>	37 kDa including tags
<b>Amino acids</b>	200 to 304

### Specifications

Our **Abpromise guarantee** covers the use of **ab152700** in the following tested applications.

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

<b>Applications</b>	ELISA SDS-PAGE Western blot
<b>Form</b>	Liquid
<b>Additional notes</b>	

### Preparation and Storage

<b>Stability and Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.31% Glutathione, 0.79% Tris HCl
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## General Info

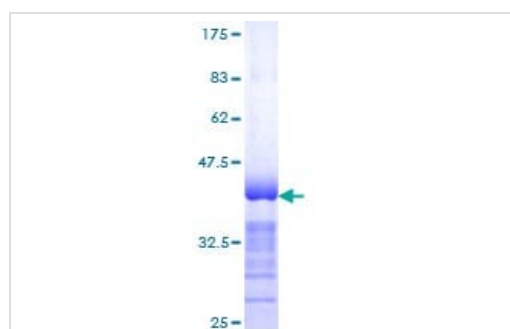
### Relevance

Spastin is thought have a role in microtubule dynamics through its function as a microtubule severing protein. It is localised to the centrosome of neuronal cells but is not found in glial cells. Mutation in the ATPase binding domain of spastin causes hereditary spastic paraplegias (HSP), a large group of clinically similar disorders. Mutant forms of spastin are generally found throughout the cytoplasm rather than within the nucleus.

### Cellular localization

Cytoplasm, Cytoskeleton, Endoplasmic reticulum, Endosome, Membrane, Microtubule, Nucleus

## Images



12.5% SDS-PAGE analysis of ab152700 stained with Coomassie Blue.

SDS-PAGE - Recombinant Human Spastin protein  
(ab152700)

**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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