Recombinant Human Spastin protein ab152700

Product name: Recombinant Human Spastin protein
Expression system: Wheat germ
Accession: Q9UBP0
Protein length: Protein fragment
Animal free: No
Nature: Recombinant
Species: Human

Sequence: PVLPSKSQTDVYNDSTNLACRNGHLQESGAVPKRKDP
LHTSNSLPRT
KTVMKTGASQLGHRAPSYSGLSMVSGVKQGAPAPT
THKTPKTNRTNKPSTP

Predicted molecular weight: 37 kDa including tags
Amino acids: 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.

Applications: ELISA
SDS-PAGE
Western blot

Form: Liquid

Additional notes

Preparation and Storage

Stability and Storage: 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
Relevance
Spastin is thought to 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.

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

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