

Product datasheet

Recombinant Human p50 dynamitin protein ab174453

1 Image

Description

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<b>Product name</b>	Recombinant Human p50 dynamitin protein	
<b>Purity</b>	> 90 % SDS-PAGE. ab174453 is purified by using conventional chromatography techniques.	
<b>Expression system</b>	Escherichia coli	
<b>Accession</b>	<a href="#">Q13561</a>	
<b>Protein length</b>	Full length protein	
<b>Animal free</b>	No	
<b>Nature</b>	Recombinant	
<b>Species</b>	Human	
<b>Sequence</b>	<p>MGSSHHHHHHSSGLVPRGSHMGSMADPKYADLPGIA  RNEPDVYETSDLPE  DDQAEFDFAFAQELEELTSTSVEHIVNPNAAYDKFKDK  RVGTKGLDFSDR  IGKTKRTGYESGEYEMLGEGLVKETPQQKYQRLLHE  VQELTTEVEKIKT  TVKESATEEKLTPVLLAKQLAALKQQLVASHLEKLLGP  DAAINLTDPDGA  LAKRLLLQLEATKNSKGGSGGKTTGTPDSSLVYELH  SRPEQDKFSQAA  KVAELEKRLTELETAVRCDQDAQNPLSAGLQGACLM  ETVELLQAKVSALD  LAVLDQVEARLQSVLGKVNEIAKHKASVEDADTQSKV  HQLYETIQRWSP  ASTLPELVQRLVTIKQLHEQAMQFGQLLTHLDTTQQMI  ANSLKDNTLLT  QVQTTMRENLATVEGNFASIDERMKKLK</p>	
<b>Predicted molecular weight</b>	47 kDa including tags	
<b>Amino acids</b>	1 to 406	
<b>Tags</b>	His tag N-Terminus	
<b>Additional sequence information</b>	NCBI Accession No.: NP_006391	

Specifications

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Our [Abpromise guarantee](#) covers the use of **ab174453** 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>	SDS-PAGE Mass Spectrometry
<b>Mass spectrometry</b>	MALDI-TOF
<b>Form</b>	Liquid
<b>Additional notes</b>	Previously labelled as Dynamitin.

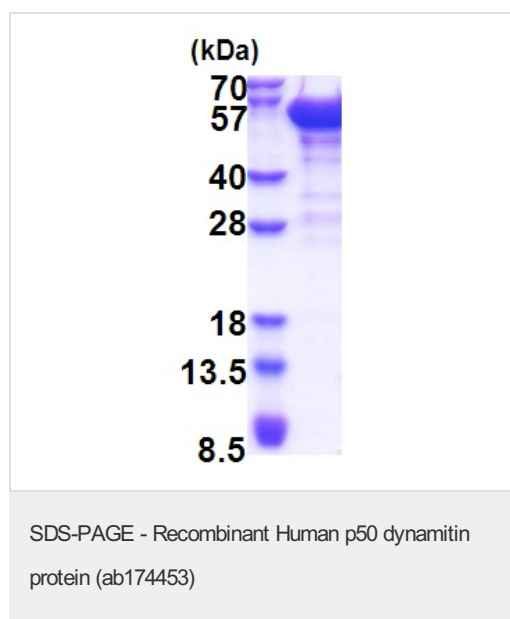
## Preparation and Storage

<b>Stability and Storage</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. Information available upon request.
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## General Info

<b>Function</b>	Modulates cytoplasmic dynein binding to an organelle, and plays a role in prometaphase chromosome alignment and spindle organization during mitosis. Involved in anchoring microtubules to centrosomes. May play a role in synapse formation during brain development.
<b>Sequence similarities</b>	Belongs to the dynactin subunit 2 family.
<b>Cellular localization</b>	Cytoplasm > cytoskeleton > centrosome. Membrane.

## Images



15% SDS-PAGE analysis of ab174453 (3 µg)

**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**

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- 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
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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