

Recombinant Human LASP1 protein ab123215

1 Image

Description	
Product name	Recombinant Human LASP1 protein
Purity	> 80 % SDS-PAGE. ab123215 is purified using conventional chromatography techniques. It is >80% pure by SDS-PAGE.
Expression system	Escherichia coli
Accession	<u>Q14847</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHHSSGLVPRGSHMGSHMNPNCARCGKIVYP TEKVNCLDKFWH KACFHCETCKMTLNMKN YKGYEKKPYCNAHYPKQSFTMVADTPENLRL KQQSELQSQVRYKEEFEKNGKGFSVVADTPELQRI KKTQDQISNIKY HEEFEKSRMGPSGGEGMEPERRDSQDGSSYRRPLEQQ QPHHIPTSAPVYQ QPQQQ PVAQSYGGYKEPAAPVSIQRSAPGGGGKRYRAVYDYSA DEDE VSFQDGDITVNVQQIDDGWMYGT ERTGDTGMLPANYVEAI
Predicted molecular weight	32 kDa including tags
Amino acids	1 to 261
Tags	His tag N-Terminus

Specifications	
Our <b>Abpromise guarantee</b> covers the use of <b>ab123215</b> in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
Applications	SDS-PAGE Mass Spectrometry
Mass spectrometry	MALDI-TOF

**Form** Liquid

## Preparation and Storage

**Stability and Storage** 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.

pH: 8.00

Constituents: 0.02% DTT, 0.32% Tris HCl, 20% Glycerol (glycerin, glycerine)

## General Info

**Function** Plays an important role in the regulation of dynamic actin-based, cytoskeletal activities. Agonist-dependent changes in LASP1 phosphorylation may also serve to regulate actin-associated ion transport activities, not only in the parietal cell but also in certain other F-actin-rich secretory epithelial cell types.

**Sequence similarities** Contains 1 LIM zinc-binding domain.  
Contains 2 nebulin repeats.  
Contains 1 SH3 domain.

**Cellular localization** Cytoplasm > cell cortex. Cytoplasm > cytoskeleton. Associated with the F-actin rich cortical cytoskeleton.

## Images



15% SDS-PAGE analysis of ab123215 (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

- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours

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- Extensive multi-media technical resources to help you
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