

Datasheet for ABIN7557738  
**LASP1 Protein (AA 1-263) (His tag)**



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## Overview

Quantity:	1 mg
Target:	LASP1
Protein Characteristics:	AA 1-263
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LASP1 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Lasp1 Protein expressed in mammalian cells.
Sequence:	MNPNCARCGK IVYPTEKVNC LDKYWHKACF HCETCKMTLN MKNYKGYEKK PYCNAHYPKQ SFTMVADTPE NLRLKQQSEL QSQVRYKEEF EKNKGKGFVS VADTPELQRI KKTQDQISNI KYHEEFKSR MGPSGGEGVE PERREAQDSS SYRRPTEQQQ PQPHHIPTSA PVYQQPQQQ MTSSYGGYKE PAAPVSIQRS APGGGGKRYR AVYDYSAADE DEVSFQDGDG IVNVQQIDDG WMYGTVERTG DTGMLPANYV EAI <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</b>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits: <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li></ul>

## Product Details

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- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

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Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

## Target Details

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Target:	LASP1
Alternative Name:	Lasp1 ( <a href="#">LASP1 Products</a> )
Background:	LIM and SH3 domain protein 1 (LASP-1) (Metastatic lymph node gene 50 protein) (MLN 50),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 (By similarity). {ECO:0000250}.
Molecular Weight:	30.0 kDa
UniProt:	<a href="#">Q61792</a>

## Application Details

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Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months