

Datasheet for ABIN7558917

Leiomodin 1 Protein (LMOD1) (AA 1-595) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Leiomodin 1 (LMOD1)
Protein Characteristics:	AA 1-595
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Leiomodin 1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Lmod1 Protein expressed in mammalian cells.
Sequence:	MSKVAKYRRQ VSEDPDIDSL LSTLSPEEME ELEKELDVVD PDGSIPVGLR QRNQTDKQPS GSFNREAMLN FCEKESKKLI QREMSVDESK QVGRKTDANK GEEKSDASR KAPGPRQSD LGKEPKKGV LKKSFSRDREE ADGRGGEKPK EEKVIRGIDK GRVRAAVDRK ESGKDGREER AAAARKEEEK TGSVKNAGLS RDKDKKKEEV KEPSKKEEVK LTAESRNTVG RREDGRLKES SKENKKPEDE GIGSGGRDWR KEDEKVKKEE NQPDKEVREE SKTKAPEKQA PSCPKNKPSDG QARAEAAAAP SIFDEPLEKV KNNDPEMTEV NVNNSDCITN EILVRFTEAL EFNTVVKVFA LANTRADDHV AFAIAMLKA NKTITSLNLD SNHITGKGIL AIFRALLQNN TLTELRFHNQ RHICGVKTEM EIAKLLKENT TLLKLGYPHE LAGPRMTVTN LLSRNMDKQR QKRLQEQKQA QEASGEKKDR LEVPKVGALA KGSPKPSQP SPKPAPKNSP KKAGVPAAPP PPPPLAPPL IMENLNKNSLS PATQRKMGDK VLPAQEKNSR DQLLAIRSS NLKQLKKVEV PKLLQ Sequence without tag. The proposed Purification-Tag is based on experiences with the expression

Product Details

system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- 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.

Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

Grade:

custom-made

Target Details

Target:

Leiomodin 1 (LMOD1)

Alternative Name:

Lmod1 ([LMOD1 Products](#))

Background:

Leiomodin-1,FUNCTION: Required for proper contractility of visceral smooth muscle cells (PubMed:28292896). Mediates nucleation of actin filaments (By similarity). {ECO:0000250|UniProtKB:P29536, ECO:0000269|PubMed:28292896}.

Molecular Weight:

66.3 kDa

UniProt:

[Q8BVA4](#)

Application Details

Application Notes:

In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Application Details

Restrictions: For Research Use only

Handling

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