

Datasheet for ABIN7549155

Leiomodin 1 Protein (LMOD1) (AA 1-600) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Leiomodin 1 (LMOD1)
Protein Characteristics:	AA 1-600
Origin:	Human
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:	<p>MSRVAKYRRQ VSEDPDIDSL LETLSPEEME ELEKELDVVD PDGSVPVGLR QRNQTEKQST GVYNREAMLN FCEKETKKLM QREMSMDESK QVETKTDKN GEERGRDASK KALGPRRDSD LGKEPKRGGL KKSFSRDRDE AGGKSGEKPK EEKIIRGIDK GRVRAAVDKK EAGKDGRGEE RAVATKKEEE KKGSDRNTGL SRDKDKKREE MKEVAKKEDD EKVKGERRNT DTRKEGKMK RAGGNTDMKK EDEKVKRGTG NDTKKDDEK VKKNEPLHEK EAKDDSKTKT PEKQTPSGPT KPSEGPakve EEAAPSIFDE PLERVKNNDP EMTEVNVNNS DCITNEILVR FTEALEFNTV VKLFALANTR ADDHVAFAlA IMLKANKTIT SLNLDsnHit GKGILAIfrA LLQnntLTEL RFHNQRHICG GKTEMEIAKL LKENTTLKL GYHFELAGPR MTVTNLLSRN MDKQRQKRLQ EQRQAQEAkG EKKDLLEVPK AGAVAKGSPK PSPQSPKPS PKNSPKKGGA PAAPPPPPPP LAPPLIMENL KNSLSPATQR KMGDKVLPaQ EKNSRDQLLA AIRSSNLKQL KKVEVPKLLQ</p>

Sequence without tag. The proposed Purification-Tag is based on experiences with the

Product Details

expression 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 (64 kDa autoantigen 1D) (64 kDa autoantigen 1D3) (64 kDa autoantigen D1) (Leiomodin, muscle form) (Smooth muscle leiomodin) (SM-Lmod) (Thyroid-associated ophthalmopathy autoantigen),FUNCTION: Required for proper contractility of visceral smooth muscle cells (PubMed:28292896). Mediates nucleation of actin filaments. {ECO:0000269|PubMed:26370058, ECO:0000269|PubMed:28292896}.

Molecular Weight:

67.0 kDa

UniProt:

[P29536](#)

Application Details

Application Notes:

In addition to the applications listed above we expect the protein to work for functional studies

Application Details

as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

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
