

Datasheet for ABIN7565214
LEMD3 Protein (AA 1-921) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	LEMD3
Protein Characteristics:	AA 1-921
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LEMD3 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Lemd3 Protein expressed in mammalian cells.
Sequence:	<p>MAAATAAAAP QQLSDEELFS QLRRYGLSPG PVTESTRPVY LKKLKKLREE EQQQQQQQQQ</p> <p>QQHRAGGRGN KTRNSNNNT ATAMGGRPGS GDLAYLRSPA GLGRLSASAA ESPVAGGSGG</p> <p>AAAVPAAGSK VLLGFSSDES DVEASPREQA GGGGGGGARR DRAALQYRGL RAPPAPPAAG</p> <p>EVTGGHPGER RKPFSWWGAR RPAGPEPQPP AAGSDGAAED ADEELADGED RDPEAEEPLW</p> <p>ASRAVNGSRL LPYSSCREHY SDSEEEEEEG EEDGDVAPAR QVLKDDSLAR HRPRRSHSKP</p> <p>FSALTAKSGG SRQETSVQGG GALAMNDRAA AAGSLDRSRN LEEAAEPGG GGGGGCGCDP</p> <p>VDSIPRYRAG AKKLAPLLSP PSPDGDSTLE SPTGPLLKTN NHIGGGAFGV DSPGLYANSL</p> <p>PPGATAAAAP GTLRINHANH TGSNHTYLKT AYGKPKLCEP EEELLQQFKR EEVSPTGSFS</p> <p>AHYLSMFLLT AACLFFLILG LTYLGMRGTG VPEDGGLIKN PFDETFGKIQ ESEKNLLMST</p> <p>LYKLHDRLAQ IAGDHECGSS SQRMLSVQEA AAYLKNLGPE YEDVFNTSLL WIFKNGKDVG</p> <p>IRCVGYGPEE DLTNITDVQF LQSTRPQMPF WCRFRRAFIT VTHRLLLCL GVLVLCVALR</p>

YMRYRWTKEE EETRQMYDMV VKIIDVLRSH NEACQETKDL QPYMPLPHVR DSLIQPQDRK
KMKKVWDRV DFLAANESRV RTETRRVGGA DFLVWRWIQP SASCDKTLVI PSKVWQGQAF
HLDRRNSPPN SLTPCLKIRN MFDPVMEIGD HWHLAIQEI LEKCSNDNGI VHIAVDRNSR
EGCVYVKCLS PEYAGKAFKA LHGSWFDGKL VTVKYLRLLDR YHHRFPQALT CNTPLKPANK
HMNSLSHLRL RTGLANSQGS S **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.**

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:

LEMD3

Alternative Name:

Lemd3 ([LEMD3 Products](#))

Background:

Inner nuclear membrane protein Man1 (LEM domain-containing protein 3),FUNCTION: Can function as a specific repressor of TGF-beta, activin, and BMP signaling through its interaction with the R-SMAD proteins. Antagonizes TGF-beta-induced cell proliferation arrest (By similarity). {ECO:0000250}.

Molecular Weight:

100.3 kDa

Target Details

UniProt: [Q9WU40](#)

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.

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