

Datasheet for ABIN7560879
LMBR1L Protein (AA 1-489) (His tag)



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Overview

Quantity:	1 mg
Target:	LMBR1L
Protein Characteristics:	AA 1-489
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LMBR1L protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Lmbr1l Protein expressed in mammalian cells.
Sequence:	MEAADYEVLS VREQLFHDRV RECIISILLF ATLYILCHIF LTRFKKPAEF TTVDDDATV NKIALELCTF TLAVALGAVL LLPFSISNE VLLSLPRNYY IQWLNGSLIH GLWNLVFLFS NLSLVFLMPF AYFFTESEGF AGSRKGV LGR VYETVVMLIL L TLLVLGMVW VASAIVDNDK ASRESLYDFW EYYLPYLYSC ISFLGVLLLL VCTPLGLARM FSVTGKLLVK PRLLDLEEQ LNCSAFEEAA LTRRICNPTS CWLPLDMELL HRQVLALQAA RVLLEKRRKA SAWQRNLGYP LAMLCLLVLT GLSVLIVAVH ILELLIDEAA MPRGMQDAAL GQASFSKLGSG FGAIQVVI FYLMVSSVVG FYSSPLFGSL RPRWHDTSM T QIIGNCVCLL VLSSALPVFS RTLGLTRFDL LGDGFRFNWL GNFYIVFLYN AAFAGLTTLC LVKTFTA AVR AELIRAFGLD RLPLPVSGFP RASRKKQHQ 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.

Product Details

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:

LMBR1L

Alternative Name:

Lmbr1l ([LMBR1L Products](#))

Background:

Protein LMBR1L (Lipocalin-1-interacting membrane receptor) (LIMR) (Uteroglobin receptor),FUNCTION: Plays an essential role in lymphocyte development by negatively regulating the canonical Wnt signaling pathway (PubMed:31073040). In association with UBAC2 and E3 ubiquitin-protein ligase AMFR, promotes the ubiquitin-mediated degradation of CTNNB1 and Wnt receptors FZD6 and LRP6 (PubMed:31073040). LMBR1L stabilizes the beta-catenin destruction complex that is required for regulating CTNNB1 levels (PubMed:31073040). Acts as a LCN1 receptor and can mediate its endocytosis (By similarity). {ECO:0000250|UniProtKB:Q6UX01, ECO:0000269|PubMed:31073040}.

Molecular Weight:

55.0 kDa

UniProt:

[Q9D1E5](#)

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
