

Datasheet for ABIN7561411
LIME Protein (AA 1-269) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	LIME (LIME1)
Protein Characteristics:	AA 1-269
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LIME protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Lime1 Protein expressed in mammalian cells.
Sequence:	MRPPVPSAPL ALWVLGCFSL LLWLWALCTA CHRKRAQRQQ TGLQDSLVPV EMPLLRQTHL CSLSKSDTRL HELHRGPRSS IAPRPASMDL LHPRWLEMSR GSTRSQVPNS AFPPRQLPRA PPAAPATAPS TSSEATYSNV GLAAIPRASL AASPVVWAGT QLTISCARLG PGAEYACIQK HKGTEQGCQE LQQKAKVIPA TQMDVLYSRV CKPKRRDPRP VTDQLNLQDG RTSLPLGSDV EYEAINLRGQ DMKQGPLENV YESIKEMGL 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.
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:

Product Details

- 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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
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Grade:	custom-made
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Target Details

Target:	LIME (LIME1)
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Alternative Name:	Lime1 (LIME1 Products)
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Background:	Lck-interacting transmembrane adapter 1 (Lck-interacting molecule),FUNCTION: Involved in BCR (B-cell antigen receptor)-mediated signaling in B-cells and TCR (T-cell antigen receptor)-mediated T-cell signaling in T-cells. In absence of TCR signaling, may be involved in CD4-mediated inhibition of T-cell activation. Couples activation of these receptors and their associated kinases with distal intracellular events such as calcium mobilization or MAPK activation through the recruitment of PLCG2, GRB2, GRAP2, and other signaling molecules. {ECO:0000269 PubMed:14610044, ECO:0000269 PubMed:16249387}.
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Molecular Weight:	29.6 kDa
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UniProt:	Q9EQR5
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Application Details

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.
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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