

Datasheet for ABIN7554415
LNX1 Protein (AA 1-728) (His tag)



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Overview

Quantity:	1 mg
Target:	LNX1
Protein Characteristics:	AA 1-728
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LNX1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant LNX1 Protein expressed in mammalian cells.
Sequence:	<p>MNQPESANDP EPLCAVCGQA HSLEENHFYS YPEEVDDDLI CHICLQALLD PLDTPCGHTY CTLCLTNFLV EKDFCPMDRK PLVLQHCKKS SILVNKLLNK LLVTCPFREH CTQVLQRCDL EHHFQTSCKG ASHYGLTKDR KRRSQDGCPD GCASLTATAP SPEVSAATI SLMTDEPGLD NPAYVSSAED GQPAISPVDS GRSNRTRARP FERSTIRSRS FKKINRALSV LRRTKSGSAV ANHADQGREN SENTTAPEVF PRLYHLIPDG EITSIKINRV DPSELSIRL VGGSETPLVH IIIQHLYRDG VIARDGRLLP GDIILKVNGM DISNVPHNYA VRLLRQPCQV LWLTVMREQK FRSRNNGQAP DAYRPRDDSF HVILNKSSPE EQLGIKLVK VDEPGVFIFN VLDGGVAYRH GQLEENDRVL AINGHDLRYG SPESAAHLIQ ASERRVHLVV SRQVRQRSPD IFQEAGWNSN GSWSPGPGER SNTPKPLHPT ITCHEKVNI QKDPGESLGM TVAGGASHRE WDLPIYVISV EPGGVISRDG RIKTGDILLN VDGVELTEVS RSEAVALLKR TSSSIVLKAL EVKEYEPQED CSSPAALDSN HNMAPPSDWS PSWVMWLELP RCLYNCKDIV LRRNTAGSLG FCIVGGYEEY NGNKPFFIKS IVEGTPAYND GRIRCGDILL AVNGRSTSGM IHACLARLLK ELKGRITLTI VSWPGTFL</p>

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:

- 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)

Grade: custom-made

Target Details

Target: LNX1

Alternative Name: LNX1 ([LNX1 Products](#))

Background: E3 ubiquitin-protein ligase LNX (EC 2.3.2.27) (Ligand of Numb-protein X 1) (Numb-binding protein 1) (PDZ domain-containing RING finger protein 2) (RING-type E3 ubiquitin transferase LNX),FUNCTION: E3 ubiquitin-protein ligase that mediates ubiquitination and subsequent proteasomal degradation of NUMB. E3 ubiquitin ligases accept ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfers the ubiquitin to targeted substrates. Mediates ubiquitination of isoform p66 and isoform p72 of NUMB, but not that of isoform p71 or isoform p65. {ECO:0000250|UniProtKB:O70263}, FUNCTION: Isoform 2 provides an endocytic scaffold for IGSF5/JAM4. {ECO:0000250|UniProtKB:O70263}.

Target Details

Molecular Weight: 80.6 kDa

UniProt: [Q8TBB1](#)

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.

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