

Datasheet for ABIN7551780
ATG16L2 Protein (AA 1-619) (His tag)



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Overview

Quantity:	1 mg
Target:	ATG16L2
Protein Characteristics:	AA 1-619
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ATG16L2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant ATG16L2 Protein expressed in mammalian cells.
Sequence:	MAGPGVPGAP AARWKRHIVR QLRLDRTQK ALFLELVPAY NHLLEKAELL DKFSKKLQPE PNSVTPTTHQ GPWEESELDSDQVPSLVALR VKWQEEEEGL RLVCGEMAYQ VVEKGAALGT LESELQQRQS RLAAL EARVA QLREARAQQA QQVEEWRAQN AVQRAAYEAL RAHVGLREAA LRRLQEEARD LLERLVQRKA RAAAERNLRN ERRERAKQAR VSQELKKA AK RTVSISEGPD TLGDGMRERR ETLALAPEPE PLEKEACEKW KRPFRSASAT SLTLSHCVDV VKGLLDFKKR RGHSIGGAPE QRYQIIPVCV AARLPTRAQD VLD AHLSEVN AVRFGPNSSL LATGGADRLI HLWNVVGSRL EANQTLEGAG GSITSVDFDP SGYQVLAATY NQAAQLWKVG EAQSKETLSG HKDKVTAAKF KLTRHQA V TG SRDRTVKEWD LGRAYCSRTI NVLSYCN DVV CGDHIIISGH NDQKIRFWDS RGP HCTQVIP VQGRVTSLSL SHDQLHLLSC SRDNTLKV ID LRVSNIRQVF RADGFKCGSD WTKAVFSPDR SYALAGSCDG ALYIWDVDTG KLESRLQGP H CAAVNAVAWC YSGSHMVSVD QGRKVVLWQ Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make

Product Details

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: ATG16L2

Alternative Name: ATG16L2 ([ATG16L2 Products](#))

Background: Protein Atg16l2 (APG16-like 2) (Autophagy-related protein 16-2) (WD repeat-containing protein 80),FUNCTION: May play a role in regulating epithelial homeostasis in an ATG16L1-dependent manner. {ECO:0000250|UniProtKB:Q6KAU8}.

Molecular Weight: 69.0 kDa

UniProt: [Q8NAA4](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for

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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
