

Datasheet for ABIN7557943  
**ATG16L2 Protein (AA 1-623) (His tag)**



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## Overview

|                               |  |
|-------------------------------|--|
| Quantity:                     | 1 mg   |
| Target:                       | ATG16L2  |
| Protein Characteristics:      | AA 1-623                                       |
| Origin:                       | Mouse  |
| 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: | <p>MAGPGAPCDP CAPAAVWKRH IVRQLRHRDR TQKALFLELV PAYNHILLEKA ELLAKFSEKL<br/> KSEPKDAIST RHEDWREEVS GTGPDQVSSP ASLRVKWQQE KKGLQLVCGE MAYQVVKKSA<br/> ALDTLQSQLE ERQDRLEALQ ACVVQLQEAR AQQSRQLEER QAENAAQREA YETLLQQAVH<br/> QEAALRRLQE EARDLLEQLV QRKARAAAER NLRNERRERA NQALVSQELK KAAKRTVSIS<br/> EIPNTLEDGT KEETVALAPA ALPEFSESET CEKWKRPFPS ASATSLTSLR CVDVVKGLLD<br/> FKKRRGHSVG GAPEQRYQSI PVCVSAQIPS QAQDVDAHL SEVNAVCFGP NSSLLATGGA<br/> DRLIHLWNV GGRLEANQTL EGAGGSITSV DFDPGSGSQL AATYNQAAQL WKVGETQSKE<br/> TLSGHKDKVT AAKFKLTRHQ AVTGSRDRTV KEWDLGRAYC SRTINVLSYC NDVVCGDHII<br/> ISGHNDQKIR FWDSRGPCHI QVIPVQGRVT SLHLSYDQLH LLSCSRDNTL KVIDLRISNI<br/> RQVFRADGFK CSSDWTKAVF SPDRSYALAG SSNGDLYIWD VNTGKLETSL QGPHCTAVNA<br/> VAWCFSGNHV VSVDQGRKVV LWH <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein</b></p> |

## Product Details

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**could make another tag necessary. In case you have a special request, please contact us.**

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**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.

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**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.

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**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

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**Target:** ATG16L2

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**Alternative Name:** Atg16l2 ([ATG16L2 Products](#))

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**Background:** Protein Atg16l2 (APG16-like 2) (Autophagy-related protein 16-2),FUNCTION: May play a role in regulating epithelial homeostasis in an ATG16L1-dependent manner.  
{ECO:0000269|PubMed:31451676}.

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**Molecular Weight:** 69.2 kDa

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**UniProt:** [Q6KAU8](#)

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## Application Details

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

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## Application Details

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functional studies yet we cannot offer a guarantee though.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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