

Datasheet for ABIN7560102  
**ATL3 Protein (AA 1-541) (His tag)**



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## Overview

Quantity:	1 mg
Target:	ATL3
Protein Characteristics:	AA 1-541
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ATL3 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Atl3 Protein expressed in mammalian cells.
Sequence:	<p>MLSPQR TAAV ASRGAGDAME NGKPGPVQVV LVHKEQHSFE LEERALASVL LQDHIRDLDV VVVSVAGAFR KGKSFILDFM LRYLYSQKEG GHSDWLGDPE EPLTGFSWRG GSDPETTGIG IWSEVFTVKK PCGKKVAVVL MDTQGAFDSQ STVKDCATIF ALSTMTSSVQ IYNLSQNIQE DDLQQLQLFT EYGR LAMDEI FQKPFQ TLMF LIRDWSFPYE YNYGLQGGMA FLDKRLHVKE HQHEEQNVR NHIHSCFSDV TCFL LPHPGL QVATSPNFDG KLKDIASEFK EQLQALIPYV LNPSKLMEKE INGSKVTCRG LLEYFKAYIK IYQGEDLPHK KSM LQATAEA NNLA AASAK DIYYNMEEI CGGKPYLSP DILEEKHLEF KQLALDHFCK IKKMGGKDFS FRYQQELEEE IKELYENFCK HNGSKNVFST FRTPAVLFTG IAALYIASGF TGFIGLEVVA QLFNCMVGLL LIALLTWGYI RYSGQYREL G GAIDSGAAYV LEQASSHIGN STQA AVRDAV VGRPPADKKS Q</p> <p><b>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.</b></p>

## Product Details

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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:** ATL3

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**Alternative Name:** [AtI3 \(ATL3 Products\)](#)

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**Background:** Atlantin-3 (EC 3.6.5.-),FUNCTION: GTPase tethering membranes through formation of trans-homooligomers and mediating homotypic fusion of endoplasmic reticulum membranes. Functions in endoplasmic reticulum tubular network biogenesis (By similarity). {ECO:0000250|UniProtKB:Q6DD88}.

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**Molecular Weight:** 60.6 kDa

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**UniProt:** [Q91YH5](#)

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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 functional studies yet we cannot offer a guarantee though.

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## Application Details

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Restrictions: For Research Use only

## Handling

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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