

Datasheet for ABIN7558613  
**ATL1 Protein (AA 1-558) (His tag)**



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## Overview

Quantity:	1 mg
Target:	ATL1
Protein Characteristics:	AA 1-558
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ATL1 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Atl1 Protein expressed in mammalian cells.
Sequence:	<p>MAKSRRDRNS WGGFSEKSSD WSSEEEEPVR KAGPVQVLIV KDDHSFELDE AALNRILLSQ AVRDKEVVAV SVAGAFRKGK SFLMDFMLRY MYNQESVDWV GDYNEPLTGF SWRGGSERET TGIQIWSEVF LINKLDGKKV AVLLMDTQGT FDSQSTLRDS ATVFALSTMI SSIQVYNLSQ NVQEDDLQHL QLFTEYGRLA MEETFLKPFQ SLIFLVRDWS FPYEFSYGAD GGAKFLEKRL KVSGNQHEEL QNVRKHIHSC FTNISCFLLP HPGLKVATNP NFDGKLKEID DEFIKNLKIL IPWLLSPERL DIKEINGNKI TCRGLLEYFK AYIKIYQGEE LPHPKSMLQA TAEANNLAAV ATAKDTYNKK MEEVCGGDKP FLAPNDLQSK HLQLKEESVK LFRGVKKMGG EEFSRRYLQQ LESEIDELYI QYIKHNDSKN IFHAARTPAT LFVVIFITYV IAGVTGFIGL DIASLCNMI MGLTLITLCT WAYIRYSGEY RELGAVIDQV AAALWDQGST NEALYKLYSA AATHRHLCHQ AFPAPKSEPT QQPEKKKI <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:** ATL1

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**Alternative Name:** At1 ([ATL1 Products](#))

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**Background:** Atlantin-1 (EC 3.6.5.-) (Spastic paraplegia 3A homolog),FUNCTION: GTPase tethering membranes through formation of trans-homooligomers and mediating homotypic fusion of endoplasmic reticulum membranes. Functions in endoplasmic reticulum tubular network biogenesis. May also regulate Golgi biogenesis. May regulate axonal development. {ECO:0000250|UniProtKB:Q8WXF7}.

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**Molecular Weight:** 63.4 kDa

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**UniProt:** [Q8BH66](#)

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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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