

Datasheet for ABIN7564985  
**AMOTL1 Protein (AA 1-968) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	AMOTL1
Protein Characteristics:	AA 1-968
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This AMOTL1 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Amotl1 Protein expressed in mammalian cells.
Sequence:	<p>MRRAKSRRGP CEPVLRAPPP ICYSPSSPVQ ILEDPAYFYP DLQLYSGRHE ASTLTVEASG GLRGKSVEDP LSSFHSPNFL RTPEVEMRGS EDVASGRVLQ RLIQEQLRYG TPTENMNLLA IQHQATGSAG PAHATTNFSS TETLTQEDPQ MVYQSARQEP QGQEHQGDNT VMEKQVRSTQ PQQNNEELPT YEEAKAQSQF FRGQQQQQQQ QQQQQQQQQQ QGQGPLSHTY YMAGGTSQKS RTEGRPTVNR ANSGQAHKDE ALKELKQGHV RLSERIMQL SLERNQAKQH LPSSGNGKSF KAGGEPSPAQ PVCKALDPRG PPPEYPFKTK PMKSPVSKNQ DHGLYNDQH PGVLHEMVKP YPAPQPARTE VAVLRYQPPP EYGVTSRPCQ LPPFSTVQQH SPMSSQTSSI GGTLHSVSLP LPLPISLAAS QPLPASPQQ LGPDFAIVE RAQQMVEILT EENRVLHQEL QGCYDNADKL HKFEKELQSI SEAYESLVKS TTKRESLDKA MRTKLEGEIR RLHDFNRDLR DRLETANRQL SSREYDGHED KAAESHVVSQ NKEFLKEKEK LEMELAAVRT ASEDHRRHIE ILDQALSNAQ ARVIKLEEL REKQAYVEKV EKLQQALTQL QSACEKRGQM ERRLRTWLER ELDALRTQQK HGTGPPVSLP ECNAPALMEL VREKEERILA LEADMTKWEQ KYLEESTIRH FAMSAAAAAT</p>

## Product Details

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AERDTTISNH SRNGSYGESS LEAHIWPEEE EVVQANRRCQ DMEYTIKNLH AKIIEKDAMI  
KVLQQRSRKD AGKTDSASLR PARSVPSIAA ATGTHSRQTS LTSSQLTEEK KEEKTTWKGS  
IGFLLGKEHQ GQASAPLLPT TPASALSIPA STTSASSTHA KTGSKDSSTQ TDKSTELFWP  
SMASLPSRGR LSTAPSNSPI LKHPAAKGAV EKQENSPGHG KASEHRGRVS NLLHKPEFPD  
GEMMEVLI **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

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**Target:** AMOTL1

**Alternative Name:** Amotl1 ([AMOTL1 Products](#))

**Background:** Angiotenin-like protein 1 (junction-enriched and -associated protein) (JEAP),FUNCTION: Inhibits the Wnt/beta-catenin signaling pathway, probably by recruiting CTNNB1 to recycling endosomes and hence preventing its translocation to the nucleus. {ECO:0000250}.

## Target Details

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Molecular Weight: 108.0 kDa

UniProt: [Q9D4H4](#)

## 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.

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