

Datasheet for ABIN7564647

**AMOTL2 Protein (AA 1-772) (His tag)**[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	AMOTL2
Protein Characteristics:	AA 1-772
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This AMOTL2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat Amotl2 Protein expressed in mammalien cells.
Sequence:	MRTLEDSSGT VLHRLIQEQL RYGNLTETRT LLAIQQALR GGAGAGGTGS PQASLEIGAP EDSQVLQQAT RQEPQGQEHQ GGETHLAENR LYRLCPQPSK GEELPTYEEA KAHSQYAAAQ QAGSRPHVGD RDPRGGVSGG GRRQDEALRE LRHGHVRSLS ERLQLSLER NGARVPSHMS SSHSFPQLAR SQQGPQPRGP PAEGPEPRGP PPQYPHAVMA QETAAVTDPR YRPRSSPHFQ HAEVRILQAQ VPPVFLQQQ YQYLPQPQEH SPPLHPAALG HGPPSSFPP AVEGPPSAQA TLGSAHLAQM ETVLRENARL QRDNERLQRE LESTSEKAGR IEKLENEIQR LSEAHESLMR TSSKREALEK TMRNKMDGEM RRLQDFNRDL RERLESANRH LASKTQEAQA GSQDMVAKLL AQSYYEQQEQ EKLEREMALL RGAIEDQRRH AELLEQALGN AQSRAARAEE ELRKKQAYVE KVERLQQALG QLQAACEKRE QLELRLRTRL EQELKALRAQ QRQTGTLAGG GGSHGGSael SALRLSEQLR EKEEQILALE ADMTKWEQKY LEERAMRQFA MDAAATAAAQ RDTTLIRHSP QPSPSSSFNE GLLPGNHRHQ EMESRLKVLH AQILEKDAVI KVLQQRSRKD PGKATQGTLR

## Product Details

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PAKSVPSIFA AAVGTQGWQG LVSSERQTDA RPAGDRVPAE EPPATAPLPA HTKHGSRDGS  
TQTDGPADNT SACLASEPDG LLGCNSSQRT PSLDSIAATR VQDLSDMVEI LI **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.**

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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, Western Blot

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### Grade:

custom-made

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## Target Details

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### Target:

AMOTL2

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### Alternative Name:

Amotl2 ([AMOTL2 Products](#))

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### Background:

Angiomotin-like protein 2,FUNCTION: Regulates the translocation of phosphorylated SRC to peripheral cell-matrix adhesion sites. Required for proper architecture of actin filaments. Inhibits the Wnt/beta-catenin signaling pathway, probably by recruiting CTNNB1 to recycling endosomes and hence preventing its translocation to the nucleus. Participates in angiogenesis. May play a role in the polarity, proliferation and migration of endothelial cells. Selectively promotes FGF-induced MAPK activation through SRC (By similarity). {ECO:0000250}.

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### Molecular Weight:

85.3 kDa

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## Target Details

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UniProt: [Q8K371](#)

## Application Details

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Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. 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