

Datasheet for ABIN7545021  
**UBXN2A Protein (AA 1-259) (His tag)**



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## Overview

Quantity:	1 mg
Target:	UBXN2A
Protein Characteristics:	AA 1-259
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This UBXN2A protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant UBXN2A Protein expressed in mammalian cells.
Sequence:	MKDVDNLKSI KEEWVCETGS DNQPLGNNQQ SNCEYFVDSL FEEAQKVSSK CVSPAQQKKQ VDVNIKLWKN GFTVNDDFRS YSDGASQQFL NSIKKGELPS ELQGIFDKEE VDVKVEDKKN EICLSTKPVF QPFSGQGHRL GSATPKIVSK AKNIEVENKN NLSAVPLNNL EPITNIQIWL ANGKRIVQKF NITHRVSHIK DFIEKYQGSQ RSPPFSLATA LPVLRLLDET LTLEEADLQN AVIIQRLQKT ASFRESEH <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>
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: <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li></ul>

## Product Details

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- 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)
Grade:	custom-made

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## Target Details

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Target:	UBXN2A
Alternative Name:	UBXN2A ( <a href="#">UBXN2A Products</a> )
Background:	<p>UBX domain-containing protein 2A (UBX domain-containing protein 4),FUNCTION: Acts to repress the ubiquitination and subsequent endoplasmic reticulum-associated degradation of CHRNA3 by the STUB1-VCP-UBXN2A complex in cortical neurons (PubMed:26265139). Also acts to promote the translocation of CHRNA3 to the plasma membrane and subsequently increases plasma membrane acetylcholine-gated ion-channel activation (By similarity). Plays a role in the inhibition of STUB1-mediated TP53 degradation, via its interaction with HSPA9 which acts to inhibit TP53 binding to HSPA9 (PubMed:24625977, PubMed:26634371). Positively mediates the ubiquitination and proteosomal degradation of RICTOR, may thereby act as a negative regulator of the mTORC2 pathway (PubMed:37037900).</p> <p>{ECO:0000250 UniProtKB:Q99KJ0, ECO:0000269 PubMed:24625977, ECO:0000269 PubMed:26265139, ECO:0000269 PubMed:26634371, ECO:0000269 PubMed:37037900}.</p>
Molecular Weight:	29.3 kDa
UniProt:	<a href="#">P68543</a>

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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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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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