

Datasheet for ABIN7552235

**ARFIP2 Protein (AA 1-341) (His tag)**[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	ARFIP2
Protein Characteristics:	AA 1-341
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ARFIP2 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant ARFIP2 Protein expressed in mammalian cells.
Sequence:	MTDGILGKAA TMEIPIHGNG EARQLPEDDG LEQDLQQVMV SGPNLNETSI VSGGYGGSGD GLIPTGSGRH PSHSTTPSGP GDEVARGIAG EKFDIVKKWG INTYCKTKQL LSERFGRGSR TVDLELELQI ELLRETKRKY ESVLQLGRAL TAHLYSLLQT QHALGDAFAD LSQKSPQLQE EFGYNAETQK LLCKNGETLL GAVNFFVSSI NTLVTKTMED TLMTVKQYEA ARLEYDAYRT DLEELSLGPR DAGTRGRLES AQATFQHRD KYEKLRGDVA IKLKFLEENK IKVMHKQLLL FHNAVSAYFA GNQKQLEQTL QQFNIKLRPP GAEKPSWLEE Q <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:

## Product Details

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- 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:	ARFIP2
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Alternative Name:	ARFIP2 ( <a href="#">ARFIP2 Products</a> )
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Background:	Arfaptin-2 (ADP-ribosylation factor-interacting protein 2) (Partner of RAC1) (POR1),FUNCTION: Plays a role in constitutive metalloproteinase (MMP) secretion from the trans Golgi network (PubMed:26507660). May have important functions during vesicle biogenesis at certain cargo subdomains, which could be predominantly utilized by secreted MMPs, such as MMP7 and MMP2 (PubMed:26507660). Also involved in autophagy by regulating the starvation-dependent trafficking of ATG9A vesicles which deliver the phosphatidylinositol 4-kinase beta (PI4KB) to the autophagosome initiation site (PubMed:31204568, PubMed:30917996). Involved in phagophore growth during mitophagy by regulating ATG9A trafficking to mitochondria (PubMed:33773106). In addition, plays a role in NF-kappa-B inhibition by interacting with IKBKB and IKBKG (PubMed:26296658). {ECO:0000269 PubMed:26296658, ECO:0000269 PubMed:26507660, ECO:0000269 PubMed:30917996, ECO:0000269 PubMed:31204568, ECO:0000269 PubMed:33773106}.
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Molecular Weight:	37.9 kDa
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UniProt:	<a href="#">P53365</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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