

Datasheet for ABIN7563968  
**ARID3A Protein (AA 1-601) (His tag)**



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## Overview

Quantity:	1 mg
Target:	ARID3A
Protein Characteristics:	AA 1-601
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ARID3A protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat Arid3a Protein expressed in mammalien cells.
Sequence:	MKLQAVMETL IQRQQRARQE LEARQAPPPP PPEPTGVRAR TTMTDEDREP ENARMHRTQM AALAAMRAAA AGLGHPSSPG GSEDGPPISG DEDTAREGTL SSPALHGSVL EGAGHAEGDR HLMDVGSDDD DTKSKWEEQE LEELGEEEE EEEEDDFEEE EEEEEGLGPP ESASLGTAGL FTRKAPPAQA FRGDGGPRML SGPERLGPGP AHPSHMASQM PPPDHGDWTF EEQFKQLYEL DADPKRKEFL DDLFSFMQKR GTPVNRIPIM AKQVLDLFML YVLVTEKGGL VEVINKKLWR EITKGLNLPT SITSAAFTLR TQYMKYLYPY ECERRGLSSP NELQAAIDSN RREGRRQSFG GSLFAYSPSG AHSMLPSPKL PVTPLGLAAS TNGSSITPAP KIKKEEDSAI PITVPGRLPV SLAGHPVVAA QAAAVQAAAA QAAVAAQAAA LEQLREKLES TEPPEKKMAL VADEQQRLMQ RAVQQSFLAM TAQLPMNIRI NSQASESRQD SAVSLTSANG SNSISMSVEM NGIVYTGVLV AQPPPPTAPS APGKGGVSSI GTNTTTGSRT GASGSTVSGG QVGLPGVSTP TMSSTSNNSL P

**Sequence without tag. The proposed Purification-Tag is based on experiences with the**

## Product Details

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**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:

ARID3A

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### Alternative Name:

Arid3a ([ARID3A Products](#))

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### Background:

AT-rich interactive domain-containing protein 3A (ARID domain-containing protein 3A) (B-cell regulator of IgH transcription) (Bright) (Dead ringer-like protein 1),FUNCTION: Transcription factor involved in B-cell differentiation. Binds a VH promoter proximal site necessary for induced mu-heavy-chain transcription. Binds the minor groove of a restricted ATC sequence that is sufficient for nuclear matrix association. This sequence motif is present in matrix-associating regions (MARS) proximal to the promoter and flanking E mu. Activates E mu-driven transcription by binding these sites. May be involved in the control of cell cycle progression by the RB1/E2F1 pathway. {ECO:0000269|PubMed:11294836, ECO:0000269|PubMed:17312145, ECO:0000269|PubMed:8543152}.

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### Molecular Weight:

64.2 kDa

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## Target Details

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UniProt: [Q62431](#)

Pathways: [Chromatin Binding](#)

## 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