

Datasheet for ABIN7552106  
**AHDC1 Protein (AA 1-1603) (His tag)**



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## Overview

Quantity:	1 mg
Target:	AHDC1
Protein Characteristics:	AA 1-1603
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This AHDC1 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant AHDC1 Protein expressed in mammalian cells.
Sequence:	MRVKPQGLVV TSSAVCSSPD YLREPKYYPG GPPTPRLLP TRPPASPPDK AFSTHAFSEN PRPPRRDPS TRPPVLAKE DDPLPPRAAR PVSQARCPTP VGDGSSSRRC WDNGRVNLRP VVQLIDIMKD LTRLSQDLQH SGVHLDCGGL RLSRPPAPP GDLQYSFFSS PSLANSIRSP EERATPHAKS ERPSHPLYEP EPEPRDSPQP GQGHSPGATA AATGLPPEPE PDSTDYSELA DADILSELAS LTCPEAQLLE AQALEPPSPE PEPQLLDPQP RFLDPQALEP LGEALELPPL QPLADPLGLP GLALQALDTL PDSLESQLLD PQALDPLPKL LDVPGRRLEP QQPLGHCP EPLRLDLCSP HGPPGPEGHP KYALRRTDRP KILCRRRKAG RGRKADAGPE GRLLPLPMPT GLVAALAEPP PPPPPPPAL PGPGVSVPE LKPESSQTPV VSTRKGKCRG VRRMVVKMAK IPVSLGRRNK TTYKVSSLSS SLSVEGKELG LRVSAEPTPL LKMKNNGRNV VVFPFGEMP IILKRKRGRP PKNLLLGPGK PKEPAVVAE AATVAAATMA MPEVKKRRRR KQKLASPQPS YAADANDSKA EYSDVLAKLA FLNRQSQCAG RCSPPRCWTP SEPESVHQAP DTQSISHFLH RVQGFRRRGG KAGGFGRGG GHAAKSARCS FSDFFEGIGK KKKVVAVAAA GVGGPGLTEL

GHPKRGRGE VDAVTGKPKR KRRSRKNGTL FPEQVPSGPG FGEAGAEWAG DKGGGWAPHH  
GHPGGQAGR N CGFQGTEARA FASTGLES GA SGRGSYYSTG APSGQTELSQ ERQNLFTGYF  
RSLDSDSS DLLDFALSAS RPESRKASGT YAGPPTSALP AQRGLATFPS RGAKASPVAV  
GSSGAGADPS FQPVLARQT FPPGRAASYG LTPAASDCRA AETFPKLVPP PSAMARSPTT  
HPPANTYLPQ YGGYGAGQSV FAPTKPFTGQ DCANSKDCSF AYGSGNSLPA SPSSAHSAGY  
APPPTGGPCL PPSKASFFSS SEGAPFSGSA PTPLRCDSRA STVSPGGYMV PKGTTASATS  
AASAASSSSS SFQPSPENCR QFAGASQWPF RQGYGGLDWA SEAFSQLYNP SFDCHVSEPN  
VILDISNYTP QKVKQQTAVS ETFSESSSDS TQFNQPVGGG GFRRANSEAS SSEGQSSLSS  
LEKLMMDWNE ASSAPGYNWN QSVLFQSSSK PGRGRRKKVD LFEASHLGFP TSASAAASGY  
PSKRSTGPRQ PRGGRGGGAC SAKKERGGAA AKAKFIPKPKQ PVNPLFQDSP DLGLDYYSGD  
SSMSPLPSQS RAFGVGERDP CDFIGPYSMN PSTPSDGTFG QGFHCDSPSL GAPELDGKHF  
PPLAHPPTVF DAGLQKAYSP TCSPTLGFKELRPPPTKLA ACEPLKHGLQ GASLGHAAAA  
QAHLSCRDLPLGQPHYDSPA CKGTAYWYPP GSAARSPPYE GKVGTGLLAD FLGRTEAACL  
SAPHLASPPA TPKADKEPLE MARPPGPPRG PAAAAAGYGC PLLSDLTLSP VPRDSSLPLQ  
DTAYRYPGFM PQAHPGLGGG PKSGFLGPMA EPHPEDTFTV TSL **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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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.

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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.

## Product Details

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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:	AHDC1
Alternative Name:	AHDC1 ( <a href="#">AHDC1 Products</a> )
Background:	Transcription factor Gibbin (AT-hook DNA-binding motif-containing protein 1),FUNCTION: Transcription factor required for the proper patterning of the epidermis, which plays a key role in early epithelial morphogenesis (PubMed:35585237). Directly binds promoter and enhancer regions and acts by maintaining local enhancer-promoter chromatin architecture (PubMed:35585237). Interacts with many sequence-specific zinc-finger transcription factors and methyl-CpG-binding proteins to regulate the expression of mesoderm genes that wire surface ectoderm stratification (PubMed:35585237). {ECO:0000269 PubMed:35585237}.
Molecular Weight:	168.3 kDa
UniProt:	<a href="#">Q5TGY3</a>

## 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