

Datasheet for ABIN7564106
AHDC1 Protein (AA 1-1594) (His tag)



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Overview

Quantity:	1 mg
Target:	AHDC1
Protein Characteristics:	AA 1-1594
Origin:	Mouse
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 GPPTPRPLLP TRPPASPPDK AFSTHTFSEN PRPPRRDPS SRRPPVLAKG DDLLPPRAAR PVSQAHCPS APDNSSLRHW DNGRVNLRPV VQLIDIMKDL TRLSQDLQHS GVHLDCGGLR LSRPPAPPPG DLQYSFFSSP SLANSIRSPE ERANPHTKSE RPSHPLYEPE PEPRDSPQPG QGHGPGAAAT ATGLPPEPEP DGPDYSELAD ADILSELASL TCPEAQLLEA QALEPPSPQP EPQLLDPQPR FLDPQALEPL GEGLELPLQ PLADPLGLPS LTLQALDTLP DSLESQLLDP QALDPLPKLL DVPGRRLEPQ QSLGHCQLAE PLRLDLCSPH GPPGPEGHPK YALRRTDRPK ILCRRRKAGR GRKADSGPEG RLLPLPMPTG LAAALAEPPP LPPPPPPTLS GPGPVPELEP ESSQTPMVPT RKGKCRGVRR MVVKMAKIPV SLGRRNKTTY KVSSLSSLS VEGKELGLRV SSEPTLLKM KNNGRNVVVV FPPGEMPIIL KRKRGRPPKN LLLGPGKPK PTVVAAEAAT VTAATMAMPE VKKRRRRKQK LASPQSYAA DANDSKAEYS DVLAKLAFLN RQSQCAGRCS PPRCWTPSEP ESVHQAPDTQ SISQFLHRVQ GFRRRGGKTG GFGGRGGGHA AKAARCSFSD FFEGIGKKKK VVAVAAPGLV GPGLTELGHF

RKRGRGEVDA VTGKPKRKRR SRKNGTLFPE QVPSGPGFGE AGAEWVGDKG GGWAPHHGHP
GGQAGRNCGF QGTEARAFAS TGLESGASGR GSYAGAPSG QTELSQERQN LFTGYFRSLL
DSSDSSDLLD FALSASRPES RKASGTYAGP PSSALPAQRG LATFPSRGAK ASPVAVGSSG
AGADPSFQPV LPSRQTFPPG RATSYGITPA TSDCRAAETF PKLAPPPSAV ARSPTTHPPA
NTYPPQYGGY GAGQSVFASA KPFSGQDCAN SKDCSFAYGS GNSLPASPSS AHSAGYAPPP
TGGPCLPPSK ASFFNSSEGG PFSGSAPTPL RCDSRASTVS PGGYMPVPGT TASAASVASS
SSSSFQPSPE NCRQFVGASQ WPFRQGYGGL DWASEAFSQL YNPNFDCHGS EPNVILDISN
YTPQKVKQQT AVSETFSESS SDSTQFSQPV GGGGFRRANS EASSSEGQSS LSSLEKLMMMD
WNEASSAPGY NWNQSVLFQS SSKPGRGRRK KVDLFEASHL GFSTSTSATA SGYPSKRSTG
PRQPRGGRGS GACSAKKERG GTAAKAKFIP KPQPVNPLFQ DSPDLGLDYY SGDSSMSPLP
SQSRAFGVGE RDPCDFMGPY SMNPSTPSDG TFGQGFHCDS PSLGAAELDG KHFPPLAHP
TVFDAGLQKA YSPTCSPTLG FKEELRPPPS KLTACEPLKH GLQGASLSHA AQAHLSRDL
PLGQPHYDSP SCKGTAYWYP PGSAARSPPY EGKVGSGLLA DFLGRTEAVC LSAPHLASPP
ATPKADKEPL EMARPPGPPR GPAAATAGYG CPLLSDLTSL PVPRDSSLPL QDTAYRYPGF
MPQAHPLGG GPKSGFLGPM AEPHPEDTFT VTSL **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.**

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:

- 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

Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	AHDC1
Alternative Name:	Ahdc1 (AHDC1 Products)
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 (By similarity). 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 (By similarity). {ECO:0000250 UniProtKB:Q5TGY3, ECO:0000269 PubMed:35585237}.
Molecular Weight:	168.1 kDa
UniProt:	Q6PAL7

Application Details

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

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