

Datasheet for ABIN7552784  
**CC2D2A Protein (AA 1-1620) (His tag)**



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## Overview

Quantity:	1 mg
Target:	CC2D2A
Protein Characteristics:	AA 1-1620
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CC2D2A protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant CC2D2A Protein expressed in mammalian cells.
Sequence:	MNPREEKVKI ITEEFIENDE DADMGRQKN SKVRRQPRKK QPPTAVPKEM VSEKSHLGNP QEPVQEEPKT RLLSMTVRRG PRSLPIPST SRTGFAEFM RGRMREKLQA ARSKAESALL QEIPTRPRRR LRSPSKKELE TFGTEPGKE VERTQQEVDS QSYSRVKFHD SARKIKPKPQ VPPGFPSAEE AYNFFTFNFD PEPEGSEEK KARHRAGTNQ EEEEEEEEEP PAQGGGKEMD EEELLNGDDA EDFLLGLDHV ADDFVAVRPA DYESIHDRLQ MEREMLFIPS RQTVPTYKKL PENVQPRFLE DEGLYTGVRP EVARTNQNM ENRLLMQDPE RRWFGDDGRI LALPNPIKPF PSRPPVLTQE QSIKAELET YKKAVKYVHS SQHVIRSGDP PGNFQLDIDI SGLIFTHHPC FSREHVLA AK LAQLYDQYLA RHQRNKAKFL TDKLQALRNA VQTGLDPEK HQSLDTIQKT INEYKSEIRQ TRKFRDAEQE KDRLLKTII KVKEMKSLR EFQRFTNTPL KLVLRKEKAD QKADEEAYEA EIQAIESELL EEHTEEYAK MEEYRTSLQQ WKAWRKVQRA KKKKRKQAAE EHPGDEIAEP YPEEDLVKPS PPEPTDRAVI EQEVRERAAQ SRRRPWEPTL VPELSLAGSV TPNDQCPRAE VSRREDVKKR SVYLVLFNN KEVSRTVSRP LGADFRVHFG QIFNLQIVNW

PESLTLQVYE TVGHSSPTLL AEVFLPIPET TVVTGRAPTE EVEFSSNQHV TLDHEGVGSG  
VPFSEADGS NQLTLMTSGK VSHSVAWAIG ENGIPLIPPL SQQNIGFRSA LKKADAISSI  
GTSGLTDMKK LAKWAAESKL DPNDPNNAPL MQLISVATSG ESYVPDFFRLL EQLQQEFNFV  
SDQELNRSKR FRLHLRSQE VPEFRNYKQV PVDREIMEK VFQDYEKRLR DRNVIETKEH  
IDTHRAIVAK YLQQVRESVI NRFLIAKQYF LLADMIVEEE VPNISILGLS LFKLAEQKRP  
LRPRRGRKK VTAQNLSGDG IKLLVNIVRA YDIPVRKPAV SKFQQPSRSS RMFSEKHAAS  
PSTYSPTHNA DYPLGQVLVR PFVEVSFQRT VCHTTTAECP NPSWNEEEL PFRAPNGDYS  
TASLQSVKDV VFINIFDEVL HDVLEDDRER GSGIHTRIER HWLGCVKMPF STIYFQARID  
GTFKIDIPV LLGYSKERNM ILERGFDSVR SLSEGSYITL FITIEPQLVP GESIREKFES QEDEKLLQAT  
EKFQAECALK FPNRQCLTTV IDISGKTVFI TRYLKPLNPP QELLNVPNN LQATAELVAR  
YVSLIPFLPD TVSFGGICDL WSTSDQFLDL LAGDEEEHAV LLCNYFLSLG KKAWLLMGNA  
IPEGPTAYVL TWEQGRYLIW NPCSGHFYQG FDTFCPLKNV GCLIGPDNIW FNIQRYESPL  
RINFVTRPK LWKSFFSRSL PYPGLSSVQP EELIYQRSDK AAAAELQDRI EKILKEKIMD  
WRPRHLTRWN RYCTSTLRHF LPLLEKSQGE DVEDDHRAEL LKQLGDYRFS GFPLHMPYSE  
VKPLIDAVYS TGVHNIDVPN VEFALAVYIH PYPKNVLSVW IYVASLIRNR **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:	CC2D2A
Alternative Name:	CC2D2A ( <a href="#">CC2D2A Products</a> )
Background:	Coiled-coil and C2 domain-containing protein 2A,FUNCTION: Component of the tectonic-like complex, a complex localized at the transition zone of primary cilia and acting as a barrier that prevents diffusion of transmembrane proteins between the cilia and plasma membranes. Required for ciliogenesis and sonic hedgehog/SHH signaling (By similarity). {ECO:0000250, ECO:0000269 PubMed:18513680}.
Molecular Weight:	186.2 kDa
UniProt:	<a href="#">Q9P2K1</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