

Datasheet for ABIN7564562
CC2D2A Protein (AA 1-1633) (His tag)



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Overview

Quantity:	1 mg
Target:	CC2D2A
Protein Characteristics:	AA 1-1633
Origin:	Mouse
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:	MNTNDEKMKI ISEDFTGDGV DTEAGRRKKN SKVRRQQRKK KPPASPPEEM VSDKFQDGGQ QEVVEEPEET NLLSLTARRG PRSLPIPSA SRTGFAEFSM RERMREKLQA ARSKAESALL RDVPTPRPRR LRSPSREKET ETEFGTEPST EVQDTQKEDD TKSYSRIKFR DSVRKIKSKP QLPPGFPSAE EAYNFFTFNF DPEPEESEK SPVKGGERAH HEDQEGEEGT QAQERAKKTE EEELLNGKDA EDFLLGLDPT AHDFVAVRAA EYKSARIQLQ KEKEILFTPS RLTVPPTYKKL PENIQPRFLE DEGLYIGARP EVARTNENIM ENLLIQEPG SKWFGDDGRI LALPSPIKPF PSRPSLTTRE QSPKAGLETL YKKAEKYVHS RQHMIGSGDP PGNFQLDIDI SGLIFTHHPC FSREHVLASK LAQLYDQYLA RQQRNKTFL TDKLQALRKA VQTSLNPEKP HQSLDTTQKT INEYKSEIRQ TRKLRDAEQE KDRTLLKTII KVKWEMKSLR EFQRFTNTPL KLVLRKEKVD PKLDEDAYEA EIQAIEHELL EEHMEEYATK MEEYRTSHQQ WKAWRKAQRA KKKKKKQTTE EHLEEEEAEE SFPEEEVTKP IPPEPTDPAV IEQQVRERAA HSRRRRPGIPT LIPELSLAGN VTPNDQCPRV EVSRREDVRR RSVYLKVVFN SKEVSRTVSR PLGADFRVHF GQIFNLQIFN

WPESLMLQVY ETIGHSGTTL LAEVFLPIPE TTLVTGRAPI EEEVFSSNQH VTLDHEGVGS
GVPFSFEADG SNQLTLMTSG KVSHSVAWAV GENGIPLIPP LSQQNIGFRS ALRRADAISS
IGTSGLTDMK KLAKWAAESK LDPNDPNHAP LMQLISVATS GESYVPDFFR LEQLQQEFNF
VSEEELNRSK RFRLHLRSQ EVPEFRNYKQ IPAYDREIME KVFQDYEKRL RDRNVIETKD
HLDMHRATVA KYLQQVREAV VNRFLTAKHH FLLTDLVVEE EVPNISSEGS GILGLSLFKL
AEQKRPLRPR RKGRKKVTAQ NLSGDGDKLL VNIIRAYDIP VRKPVVSKFQ QPSRSSRTFS
EKQTASPSTH SPLHNADYPL GQVLVRPFVE VSFQRTICHT TTAEGPNPSW NEELELPFRA
PNGDYSTASL QSVKDDVYIN IFDEVLYDIL EDDRERGSIGI HTRIERHWLG CVKIPFSTIY
FQARIDGTFK IDIPPVLLGY SKERNIIMER AFDSARSLSE GSYITLFITI EPQLVPGPEM
REKMSDMLKK FDTQEDEKLL QATEKFAEC ALKFPQRQCL TTVTDMTGKT VFITRYLKPL
NPPQELLHVV PNNPQATAEL VARYVSLIPF LPDSVSFAGV CDLWSTSDQF LDLLAGDEEE
HAVLLCNFYFL FLGKKAWLVM GSAIPEGPTA YVLTWEKNYY LIWNPCSGHC YGQFADFCL
KSVGCLIGPD NIWFNIQHHD SPLRINFVDT KPCLWKSFFS RSLPYPGLSS VQPEELIYQH
TDKAVAAELQ DRIEKILKEK IMDWRPRHLT RWNRYCTSTL RHFLPLERS QGEDIEDDHR
AELLKQLGDY RFSGFPLHMP YSEVKPLVEA VYSTGVHNID LPNVEFALAV YIHPYPKNVL
SVWIYVASLV RNR **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:	CC2D2A
Alternative Name:	Cc2d2a (CC2D2A Products)
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. {ECO:0000269 PubMed:21725307, ECO:0000269 PubMed:22179047}.
Molecular Weight:	187.5 kDa
UniProt:	Q8CFW7

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