

Datasheet for ABIN7552936
CCDC88B Protein (AA 1-1476) (His tag)



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Overview

Quantity:	1 mg
Target:	CCDC88B
Protein Characteristics:	AA 1-1476
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CCDC88B protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant CCDC88B Protein expressed in mammalian cells.
Sequence:	MEGGKGPRLR DFLSGSLATW ALGLAGLVGE AEDSEGEEEE EEEEEPLWLE KRFLRLSDGA LLLRVLGIIA PSSRGGPRML RGLDGPAAWR VWNLNHLWGR LRDFYQEELQ LLILSPPPDL QTLGFDPLSE EAVEQLEGVL RLLLGASVQC EHRELFIRHI QGLSLEVQSE LAAAIQEVTV PGAGVVLALS GPDPGELAPA ELEMLSRSLM GTLSKLARER DLGAQRLAEL LLEREPLCLR PEAPSRAPAE GPSHHLALQL ANAKAQLRRL RQELEEKAE LLD SQAEVQG LEAEIRRLRQ EAQALSGQAK RAELYREEAE ALRERAGRLP RLQEELRRCR ERLQAAEAYK SQLEEERVLS GVLEASKALL EEQLEAARER CARLHETQRE NLLLRTRLGE AHAELDSL RH QVDQLAEENV ELELELQRSL EPPPGSPGEA PLAGAAPSLQ DEVREAEAGR LRTLRENRE LRGLLQVLQG QPGGQHPLLE APREDPVLV LEEAPQTPVA FDHSPQGLVQ KARDGGPQAL DLAPPALDSV LEASAECPQA PDSDPQEAES PLQAAAMPDQ ASDWSPQESG SPVETQESPE KAGRSSLQS PASVAPPQGP GTKIQAPQLL GGETEGREAP QGELVPEAWG LRQEGPEHKP GPSEPSSVQL EEQEGPNQGL DLATGQAEAR EHDQRLEGTV RDPAWQKPQQ KSEGALEVQV WEGPIPGESL

ASGVAEQEAL REEVAQLRRK AEALGDELEA QARKLEAQT EAARLSKELA QARRAEAEAH
REAEQAWEQ ARLREAVEAA GQELESASQE REALVEALAA AGRERRQWER EGSRLRAQSE
AAEERMVLE SEGRQHLEEA ERERREKEAL QAELEKAVVR GKELGDRLEH LQRELEQAAL
ERQEFLREKE SQHQRYQGLE QRLEAELQAA ATSKEEALME LKTRALQLEE ELFQLRQGPA
GLGPKKRAEP QLVETQNVRL IEVERSNAML VAEKAALQGQ LQHLEGQLGS LQGRAQELL
QSQRAQEHSS RLQAEKSVLE IQGQELHRKL EVLEEEVRAA RQSQEETRQ QQALLRDHKA
LAQLQRRQEA ELEGLLVRHR DLKANMRALE LAHRELQGRH EQLQAQRASV EAQEVALLAE
RERLMQDGHR QRGLEELRR LQSEHDRAQM LLAELSREERG ELQGERGELR GRLARLELER
AQLEMQSQQ RESNQQLDLS ACRLTTQCEL LTQLRSAQEE ENRQLLAEVQ ALSRENRELL
ERSLESRDHL HREQREYLDQ LNALRREKQK LVEKIMDQYR VLEPVPLPRT KKGSWLADKV
KRLMRPRREG GPPGGLRLGA DGAGSTESLG GPPETELPEG READGTGSPS PAMPRAQSS
LCLRDETLG GQRRKLSSRF PVGRSSESFS PGDTPRQFR QRHPGPLGAP VSHSKGPGVG
WENSAETLQE HETDANREGP EVQEPEKRPL TPSLSQ **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.

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

Grade: custom-made

Target Details

Target:	CCDC88B
Alternative Name:	CCDC88B (CCDC88B Products)
Background:	Coiled-coil domain-containing protein 88B (Brain leucine zipper domain-containing protein) (Gipie) (Hook-related protein 3) (HkRP3),FUNCTION: Acts as a positive regulator of T-cell maturation and inflammatory function. Required for several functions of T-cells, in both the CD4(+) and the CD8(+) compartments and this includes expression of cell surface markers of activation, proliferation, and cytokine production in response to specific or non-specific stimulation (By similarity). Enhances NK cell cytotoxicity by positively regulating polarization of microtubule-organizing center (MTOC) to cytotoxic synapse, lytic granule transport along microtubules, and dynein-mediated clustering to MTOC (PubMed:25762780). Interacts with HSPA5 and stabilizes the interaction between HSPA5 and ERN1, leading to suppression of ERN1-induced JNK activation and endoplasmic reticulum stress-induced apoptosis (PubMed:21289099). {ECO:0000250 UniProtKB:Q4QRL3, ECO:0000269 PubMed:21289099, ECO:0000269 PubMed:25762780}.
Molecular Weight:	164.8 kDa
UniProt:	A6NC98

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