

Datasheet for ABIN7563781  
**CCDC88B Protein (AA 1-1481) (His tag)**



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## Overview

Quantity:	1 mg
Target:	CCDC88B
Protein Characteristics:	AA 1-1481
Origin:	Mouse
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:	MEGAKGPRLR GFLSGSLATW ALGLAGLVGE AEESAGGTEE EEEEEEEGA LCTEKRFRLR IDGALLLRVL GIAPSSRGG LRMVRGRDGP AACRMWNLCH LWGRLRDFYQ EELQLLILSP PPDLQTMGCD PFSEEAVDEL ESILRLLLGA SVQCEHRELF IRHIRGLSLD VQSELAGAIQ EVTQPGAGVV LALAGPESGE LVAEELEMQL RSLTGMMMSRL ARERDLGAQR LAELLEREP AHLLEPEAPA NASAEGVSHH LALQLTNAKA QLRRLRQVEVE EKAEQLLDLSD AEVQGLEAEI RRLRQETQAL SAQAKRAELY REEAEALRER AGRLPRLQEE LRRCREKLQA AEVFKGQLEE ERVLSEALEA SKVLLLEEQL VARERSARLH ETQRENLLLR TRLGEAHADL DSLRHQLEQL VEENVELELE LQRSLEPPPG SPGEASLPGA APSLQDEVRE AEAGRLRAVE RENRELRGQL QMLQAQLGSQ HPLLEEQRN SRQPPVPNRD PATPSALHHS PQSPACQIGG EGSESLDLPS PASYSIDITRS PKCSQAPDSH PELESPLQMV SQDPQTSQA LQESDPTVET HQCLEKSGHR VPLQSPIVWD PPQGPEVRIE VQELLGETGS REAPQGELVH KAQVLKQESP KCRPRSAELT LREPLKDQKA LDRELELSKQ QKETGRHEQR PKGLESKLGK QKPQQTSEGV PDAWSREEPT

PGETLVSAIP EEQALRDEVA QLRREVAGLE VKLQAQAQRL EARSALCL SEELAQARRT  
EAEAHQEAEA QAREQARLRE AVDTASLELE AASREREALA EALAAAGRER RQWERDGPRL  
RAQVEAAEQQ VQALESQVRC HLEEAEREHA EKQALREELE KAVLRGQELG DRLEHLQEEL  
EQAALERQKF LQEENQHQR YRHLEQRLEA ELQAASTSKE EALMELKARA LQLEEEELIQL  
RQYPVDLATG ARAGPRTVET QNGRLIEVER NNATLVAEKA ALQGQLQHLE GQLGSLQGRA  
QELLQSQRA QEHSRLQAE KSMMEMQGQE LHRKLGVLEE EVRAARRAQE ETRGQQQALL  
RDHEALVQLQ RRQETELEGL LVRHRDLKAN MRALELAHRE LQGRHEQLQA QRANVEAQEV  
ALLAERERLM QDGHRRQGLE EELRRQLNEH ERAQMLLAEV SRERGELQGE RGLRSRLAR  
LELERAQLEI QSQQLRESNQ QLDLSACRLT TQCELLTQLR SAQEEENRQL LAEVQALSRE  
NRELLERSLE SRDHLHREQR EYLDQLNALR REKQKLVEKI MDQYRVLEPG PLPRTKKGSW  
LADKVKRLIR PRREGALHGG PRLGADGAGS TESLGGPLET ELPEGREADG TGSSSPAPMR  
RVQSSLCLGD ETLAGGQRRR LSSRFPGGRS SASFSPGDTP RQRFRQRRPG PLGAPSTHSK  
GSGVEWDGSI KTLSEHEADD TREAFQEQKP EKQFLTPSL S Q **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.

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

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Grade: custom-made

## Target Details

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Target:	CCDC88B
Alternative Name:	Ccdc88b ( <a href="#">CCDC88B Products</a> )
Background:	Coiled-coil domain-containing protein 88B (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 and during the course of infection with the mouse malaria parasite Plasmodium berghei (PubMed:25403443). 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 (By similarity). 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:A6NC98, ECO:0000269 PubMed:21289099, ECO:0000269 PubMed:25403443}.
Molecular Weight:	166.6 kDa
UniProt:	<a href="#">Q4QRL3</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