

Datasheet for ABIN3090597

CCDC88B Protein (AA 1-1476) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	1 mg
Target:	CCDC88B
Protein Characteristics:	AA 1-1476
Origin:	Human
Source:	Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CCDC88B protein is labelled with His tag.
Application:	ELISA, Western Blotting (WB), Crystallization (Crys), SDS-PAGE (SDS)

Product Details

Sequence:	MEGGKGPRRLR DFLSGSLATW ALGLAGLVGE AEDSEGEEEE EEEEEPLWLE KRFLRLSDGA LLLRVLGIIA PSSRGGPRML RGLDGPAAWR VWNLNHLWGR LRDFYQEELQ LLILSPPPDL QTLGFDPLSE EAVEQLEGVL RLLLGASVQC EHRELFIRHI QGLSLEVQSE LAAAIQEVTV PGAGVVLALS GPDPGELAPA ELEMLSRSLM GTLSKLARER DLGAQRLAEL LLEREPLCLR PEAPSRAPAE GPSHHALQL ANAKAQLRRL RQELEEKAEL LLDSQAEVQG LEAEIRRLRQ EAQALSGQAK RAELYREEAE ALRERAGRLP RLQEELRRCR ERLQAAEAYK SQLEEERVL GVLEASKALL EEQLEAARER CARLHETQRE NLLLRTRLGE AHAELDSL RH QVDQLAEENV ELELELQRSL EPPPGSPGEA PLAGAAPSLQ DEVREAEAGR LRTLRENRE LRGLLQVLQG QPGGQHPLLE APREDPVLVPV LEEAPQTPVA FDHSPQGLVQ KARDGGPQAL DLAPPALDSV LEASAECPQA PDSDPQEAES PLQAAAMPDQ ASDWSPQESG SPVETQESPE KAGRSSLQS PASVAPPQGP GTKIQAPQLL GGETEGREAP QGELVPEAWG LRQEGPEHKP GPSEPSSVQL EEQEGPNQGL DLATGQAEAR EHDQRLEGTV RDPAWQKPQQ KSEGALEVQV WEGPIPGESL
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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 EAEVALLAE
RERLMQDGHR QRGLEELRR LQSEHDRAQM LLAELSRERG ELQGERGELR GRLARLELER
AQLEMQSQQ RESNQQLDLS ACRLTTQCEL LTQLRSAQEE ENRQLLAEVQ ALSRENRELL
ERSLESRDHL HREQREYLDQ LNALRREKQK LVEKIMDQYR VLEPVPLPRT KKGSWLADKV
KRLMRPRREG GPPGGLRLGA DGAGSTESLG GPPETELPEG READGTGSPS PPMRRAQSS
LCLRDETLG GQRRKLSSRF PVGRSSESFS PGDTPRQFR QRHPGPLGAP VSHSKGPGVG
WENSAETLQE HETDANREGP EVQEPEKRPL TPSLSQ

Sequence without tag. Tag location is at the discretion of the manufacturer. If you have a special request, please contact us.

Characteristics:

- Made in Germany - from design to production - by highly experienced protein experts.
- Human CCDC88B Protein (raised in Insect Cells) purified by multi-step, protein-specific process to ensure crystallization grade.
- 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 will ensure that you receive a correctly folded protein.

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.

In the unlikely event that the protein cannot be expressed or purified we do not charge anything (other companies might charge you for any performed steps in the expression process for custom-made proteins, e.g. fees might apply for the expression plasmid, the first expression experiments or purification optimization).

When you order this made-to-order protein you will only pay upon receipt of the correctly folded protein. With no financial risk on your end you can rest assured that our experienced protein experts will do everything to make sure that you receive the protein you ordered.

The concentration of our recombinant proteins is measured using the absorbance at 280nm.

The protein's absorbance will be measured in several dilutions and is measured against its specific reference buffer.

The concentration of the protein is calculated using its specific absorption coefficient. We use

Product Details

	the Expasy's protparam tool to determine the absorption coefficient of each protein.
Purification:	Two step purification of proteins expressed in baculovirus infected SF9 insect cells: <ol style="list-style-type: none">1. In a first purification step, the protein is purified from the cleared cell lysate using three different His-tag capture materials: high yield, EDTA resistant, or DTT resistant. Eluate fractions are analyzed by SDS-PAGE.2. Protein containing fractions of the best purification are subjected to second purification step through size exclusion chromatography. Eluate fractions are analyzed by SDS-PAGE and Western blot.
Purity:	>95 % as determined by SDS PAGE, Size Exclusion Chromatography and Western Blot.
Sterility:	0.22 µm filtered
Endotoxin Level:	Protein is endotoxin free.
Grade:	Crystallography grade

Target Details

Target:	CCDC88B
Alternative Name:	CCDC88B (CCDC88B Products)
Background:	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. {ECO:0000250 UniProtKB:Q4QRL3}.
Molecular Weight:	165.8 kDa Including tag.
UniProt:	A6NC98

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Comment:	In cases in which it is highly likely that the recombinant protein with the default tag will be insoluble our protein lab may suggest a higher molecular weight tag (e.g. GST-tag) instead to increase solubility. We will discuss all possible options with you in detail to assure that you receive your protein of interest.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	100 mM NaCL, 20 mM Hepes, 10% glycerol. pH value 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:	Unlimited (if stored properly)

Images



Image 1. „Crystallography Grade“ protein due to multi-step, protein-specific purification process