

Datasheet for ABIN7558081

CCDC57 Protein (AA 1-1016) (His tag)



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Overview

Quantity:	1 mg
Target:	CCDC57
Protein Characteristics:	AA 1-1016
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CCDC57 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Ccdc57 Protein expressed in mammalian cells.
Sequence:	<p>MLPLCSEREL NELLARKEEE WRVLQAHRAQ LQEAALQAAQ NRLEETQGKL QRLQEDFVYN</p> <p>LQVLEERDRE LERYDVEFTQ ARQREEAQQE EASELKIEVA KLKQDLTREA RRVGELQHQH</p> <p>QLMLQEHRL E LERVHSDKNS ELAHQREQNE RLEWELERKL KELDGELALQ RQELLLEFES</p> <p>KMQRRHEFEQ LRADDMSNVV LTHELKIKLL NKELQALRDA GARAAESLQK AEAHVELER</p> <p>KLQERARELQ DLEAVKDARI KGLEKKLYSA QLAKKKAEET FRRKHEELDR QAREKDTVLA</p> <p>AVKRAHAEEL QTLDAKVLEL QFLCETLEGQ LRRRAECTRAE DAKEKNALTD KFREDAAALK</p> <p>AAWDAQITQM SKETVSKDFQ IHTLQEEEMK LKAQVARFQQ DIDRYKQQLS LAVERGQSLE</p> <p>REQVQLGLDW QRRCDIERD QIQKSETLIE GLTKARDQVA AKLQETEKAL RQKETLLKAV</p> <p>SLERDQAMET LRTHGLLPQG EAQVPPQQHE GEIRADSPST EIQLRQEQA GLRNAVSQMR</p> <p>REMEMLSGHL PPAQPEEC SN ADPPDKAGGD STPPDYVLT L EAEMQNLKHK LKALEEQLQS</p> <p>TEEPVKTSVA TADPHHGVHS SAAAADAALA DQTSTALALR KLGDRVHLLN LLVTQLKRKL</p> <p>RQKPRELVPV QHEVPSEVDQ VHLEVLELQK QVAELRKHLK VTPQGEPSSR EQLQRQGVAD</p>

Product Details

RYPMGMEDQT ESPTFPQEGA QPPQTIYVTH LQRKLKDAAR KILSLRLERE QLLEMGNRLR
AEQGHAKGKP TPCPGPPTSE PQDPQEVPER SLDRGPPLGQ LQPYSTTQDP RHTKRRCASE
YAGKSQPHSA QVGSKTNTPR GHKAEMASRP AQLSQKQHRI PTETWKPVYQ KENRTPKLPQ
AHEVPEESDH RTHRSSSLAS SSLQDIWRL ELGSSPSGVP SQDNSVAECP APSRPSCFQK
VNRSPVPIQK AFAVKGLKME AQPkatPPRP SKSHPAKPTN CQQQRPSRIR NYNLKD **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:	<p>Key Benefits:</p> <ul style="list-style-type: none">• 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). <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	CCDC57
Alternative Name:	Ccdc57 (CCDC57 Products)
Background:	Coiled-coil domain-containing protein 57,FUNCTION: Pleiotropic regulator of centriole duplication, mitosis, and ciliogenesis (PubMed:32402286). Critical interface between centrosome and microtubule-mediated cellular processes. Centriole duplication protein

Target Details

required for recruitment of CEP63, CEP152, and PLK4 to the centrosome. Independent of its centrosomal targeting, localizes to and interacts with microtubules and regulates microtubule nucleation, stability, and mitotic progression (By similarity). {ECO:0000250|UniProtKB:Q2TAC2, ECO:0000269|PubMed:32402286}.

Molecular Weight: 116.2 kDa

UniProt: [Q6PHN1](#)

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