

Datasheet for ABIN7553252
CCDC39 Protein (AA 1-941) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	CCDC39
Protein Characteristics:	AA 1-941
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CCDC39 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat CCDC39 Protein expressed in mammalian cells.
Sequence:	MSSEFLAELH WEDGFAIPVA NEENKLLLEDQ LSKLKDERAS LQDELREYEE RINSMTSHFK NVKQELSITQ SLCKARERET ESEEHFKAIA QRELGRVKDE IQRLENEMAS ILEKKSDDKEN GIFKATQKLD GLKCQMNWDQ QALEAWLEES AHKDSDALTL QKYAQQDDNK IRALTLQLER LTLECNQKRK ILDNELTETI SAQLELDKAA QDFRKHNER QELIKQWENT IEQMQRDGD IDNCALELAR IKQETREKEN LVKEKIKFLE SEIGNNTEFE KRISVADRKL LKCRATAYQDH ETSRIQLKGE LDSLKATVNR TSSDLEALRK NISKIKKDIH EETARLQKTK NHNEIIQTKL KEITEKTMSV EEKATNLEDM LKEEEKDVKE VDVQLNLIK VLFKKAQELQ TETMKEKAVL SEIEGTRSSL KHLNHQLQKL DFETLKQEI MYSQDFHIQQ VERRMSRLKG EINSEEKQAL EAKIVELRKS LEEKSTCGL LETQIKKLHN DLYFIKKAHS KNSDEKQSLM TKINELNLF DRSEKELDKA KGFKQDLMIE DNLLKLEVKR TREMLHSAE EVLSLEKRKQ QLYTAMEERT EEIKVHKTML ASQIRYVDQE RENISTEFRE RLSKIEKLN RYEILTVVML PPEGEEETQ

Product Details

AYYVIKAAQE KEELQREGDC LDAKINKAEK EIYALENTLQ VLNSCNNNYK QSFKKVTPSS
DEYELKIQLE EQKRAVDEKY RYKQRQIREL QEDIQSMEN LDVIEHLANN VKEKLSEKQA
YSFQLSKETE EQKPKLERTV KQCAKLTKEI RLLKDTKDET MEEQDIKLRE MKQFHKVIDE
MLVDIIEENT EIRIILQTYF QQSGLELPTA STKGSQRQSSR SPSHTSLSAR SSRSTSTSTS
QSSIKVLELK FPASSSLVGS PSRPSSASSS SSNVKSKKSS K **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.**

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, Western Blot

Grade:

custom-made

Target Details

Target:

CCDC39

Alternative Name:

CCDC39 ([CCDC39 Products](#))

Background:

Coiled-coil domain-containing protein 39,FUNCTION: Required for assembly of dynein regulatory complex (DRC) and inner dynein arm (IDA) complexes, which are responsible for ciliary beat regulation, thereby playing a central role in motility in cilia and flagella (PubMed:21131972). Probably acts together with CCDC40 to form a molecular ruler that determines the 96 nanometer (nm) repeat length and arrangements of components in cilia and

Target Details

flagella (By similarity). Not required for outer dynein arm complexes assembly
(PubMed:21131972). {ECO:0000250|UniProtKB:A8IQT2, ECO:0000269|PubMed:21131972}.

Molecular Weight: 109.9 kDa

UniProt: [Q9UFE4](#)

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.

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