

Datasheet for ABIN7553205
CCDC65 Protein (AA 1-484) (His tag)



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Overview

Quantity:	1 mg
Target:	CCDC65
Protein Characteristics:	AA 1-484
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CCDC65 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant CCDC65 Protein expressed in mammalian cells.
Sequence:	<p>MPKKEKMAKT PLSDEKQLLL FQQKLLAEED MAKKKERLLS QFLKDKLAKE EHNSALNLNK INTQWRTVLR EVKTRELHKD IEILSQTFR VVDCCKDNVIK SLAKDLSEAE EQYAHALRSH LHNVDQLLAL QRHRLSLLEE SYNMELEALT KEFETERKTI IDQHEKEIHY LQDIFMAMEQ NYIDSEYESK LEFQSMWNDL KNMNLEEKHF LRLHLENRVE DLWRKFQDVL KNYTDATEDR KAAFETLQVK DEKSSKEIEV QMKKIQLQD AITISGKIM IHSRESEDEN RYRNDKELV LVQLRKLKAQ RTQARAASQK NLVRLTLESN ATLKALRKIV DKGEKILKLA EICRKFETEE EKVLPFYSSV LTPKEQEGIQ KNNLEELTEE LTKVMVDYIG MENFWKRYNK VKLEQLSLQH RRAQLLDING KLREMLKQYL DGISVSDEVL SQLNPLFIVN YQSNLLQPLS IRIAHPGDKQ HPTT</p> <p>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.</p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

Product Details

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:

CCDC65

Alternative Name:

CCDC65 ([CCDC65 Products](#))

Background:

Dynein regulatory complex subunit 2 (Coiled-coil domain-containing protein 65) (Testis development protein NYD-SP28),FUNCTION: Component of the nexin-dynein regulatory complex (N-DRC), a key regulator of ciliary/flagellar motility which maintains the alignment and integrity of the distal axoneme and regulates microtubule sliding in motile axonemes (By similarity). Plays a critical role in the assembly of N-DRC and also stabilizes the assembly of multiple inner dynein arms and radial spokes. Coassembles with DRC1 to form a central scaffold needed for assembly of the N-DRC and its attachment to the outer doublet microtubules (PubMed:24094744). {ECO:0000250|UniProtKB:A8JB22, ECO:0000269|PubMed:24094744}.

Molecular Weight:

57.3 kDa

UniProt:

[Q8IXS2](#)

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
