

Datasheet for ABIN7553177
CCDC19 Protein (AA 1-551) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	CCDC19
Protein Characteristics:	AA 1-551
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CCDC19 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant CFAP45 Protein expressed in mammalian cells.
Sequence:	<p>MPLSTAGILS SSSAASNRSR NKARYRTKAV SSEVDESLFG DIKSPAQQQS DSPIVLLRDK HTLQKTLTAL GLDRKPETIQ LITRDMVREL IVPTEDPSGE SLIISPEEFE RIKWASHVLT REELEARDQA FKKEKEATMD AVMTRKKIMK QKEMVWNNNK KLSDLEEVAK ERAQNLLQRA NKL RMEQEEE LKDMSKIILN AKCHAIRDAQ ILEKQQIQKE LDTEEKRLDQ MMEVERQKSI QRQEELERKR REERIRGRRQ IVEQMEKNQE ERSLLAEQRE QEKEQMLEYM EQLQEEDLKD MERRQQQLK MQAEIKRIND ENQKQKAELL AQEKLADQMV MEFTKKKMAR EAEFEAEQER IRREKEKEIA RLRAMQEKAQ DYQAEQDALR AKRNQEVA DR EWRRKEKENA RKKMETEAE L RKSRLQVAF KEHALAVQVQ RDRDEFERIL RAQREQIEKE RLEEEKATG RLQHANELRR QVRENQQKEV QNRIATFEEG RRLKEEAQKR RERIDEIKRK KLEELRATGL PEKYCIEAER KANILPATSV N 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>

Product Details

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: **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: CCDC19

Alternative Name: CFAP45 ([CCDC19 Products](#))

Background: Cilia- and flagella-associated protein 45 (Coiled-coil domain-containing protein 19) (Nasopharyngeal epithelium-specific protein 1),FUNCTION: Microtubule inner protein (MIP) part of the dynein-decorated doublet microtubules (DMTs) in cilia axoneme, which is required for motile cilia beating (PubMed:36191189). It is an AMP-binding protein that may facilitate dynein ATPase-dependent ciliary and flagellar beating via adenine nucleotide homeostasis. May function as a donor of AMP to AK8 and hence promote ADP production (PubMed:33139725). {ECO:0000250|UniProtKB:Q32LN4, ECO:0000269|PubMed:33139725, ECO:0000269|PubMed:36191189}.

Molecular Weight: 65.7 kDa

UniProt: [Q9UL16](#)

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
