

Datasheet for ABIN7562057
CCDC147 Protein (AA 1-873) (His tag)



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Overview

Quantity:	1 mg
Target:	CCDC147
Protein Characteristics:	AA 1-873
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CCDC147 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Cfap58 Protein expressed in mammalian cells.
Sequence:	MTEDKAEKVM PEETAFFEEIE KDFQEVLSSEL SGDKSLEKFR TEYEKLSHSIM KKSYPENEKRL MAKCRELNAE IVVNSAKVAT ALKLSQDDQT TIASLKKEIE KAWKMOVDSAY DKEQKAKETI LALKEEIVNL TKLVEQGSGL SMDQDSNIRD LLKFKEEVTK ERDQLLSEVV KLRENLAQTI EKQQA AEHAK EEAEMAI SQF QQEIQRH RQNE ASRESR KKEK LEKELRQIQ T DMDGRQAEIK AMQQYMHKSK EELQRLEQQL KEQKILNERA AKEVEQFQMR NAKLQQENDQ HTLTCEQLSQ ENQQKALELK AKEDEIHQMR LD LGKLNKIR EQIHKKLHQL DDQKAEVEQQ KDTLKNQILG LEREVESK KQAELDKKAME ELLRERDILN KNMLKAVSAT QKQVDLVKLH EQAKKNLEEE IQNYKDEAQK QRKIIFQLEK ERDRYINEAS DLTQRVLANM EDIKVREIQI FDYRKKIAES ETK LKQQQNL YEAVRSDRNL YSKNLVEAQD EITEMKRK LK IMTHQVDQLK EEISAKEAAL VKLHLEQQRI EKEKETL KAE LQKLRQQALE TKHFIEKQEV EERKLLRIIA EADGERVRQK KELDQVISER DILGSQLVRR NDELALLYEK IKIQQSVLNK GETQYNQRVE DMRILKLEIK

Product Details

KLRREKGILA RSVANVEELR QELYHMQREF LKERTRCRAL EELENPMNV HRWRKLEASD
PSTFELIQKI HTLQKRLISK TEEVVEKELL LQEKEKLYVE LKHILARQPG PEAAEQLQIY
RHTLREKTKQ LKVLSELNM YESQSQEYKY EIERLGNELM SLKKKYLAQK RKELVLKNKD
RMSMNNIFSE TKKSVPRFTG GGFPLHQATK VKF **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:

CCDC147

Alternative Name:

Cfap58 ([CCDC147 Products](#))

Background:

Cilia- and flagella-associated protein 58,FUNCTION: Has an essential role in the assembly and organization of the sperm flagellar axoneme (PubMed:32791035). Required for the elongation of the primary cilium and sperm flagellar midpiece via modulation of the Notch signaling pathway (PubMed:31904090). {ECO:0000269|PubMed:31904090, ECO:0000269|PubMed:32791035}.

Molecular Weight:

103.5 kDa

Target Details

UniProt: [B2RW38](#)

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