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Datasheet for ABIN7562109

CCDC78 Protein (AA 1-437) (His tag)

Overview

Quantity:	1 mg
Target:	CCDC78
Protein Characteristics:	AA 1-437
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CCDC78 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Ccdc78 Protein expressed in mammalian cells.
Sequence:	MDQRPELLSS MEYVASPDPK PGVPLRVAEN VAPGAEDWLP SASGHLAWAT SLETEHQTHL ELSEEQRLQI SKELVDLQIA THHLREQHEA EVFELRREIL RLESRVLELE LHNGACQGH KVQPMANLGQ HQVPPLEPPG GQQKLQEELK WLEHHRARQ QALETQVGV L SQQLQGAREE ARTTGQQLAS QAMVLASCKG QLRQAEAENT QLQLKMKMN EYAVRLQHY ARETVENASS TNQAALQAFL ESTLQDIRAA HRTREQQLAQ AARTYRKRLA DLNQRQELLL TTCRATFATA INLEPLPMHW ATELSHPREN EYGRHRTLLL YPEKGSGETS KENKSQPLAL DTASWAQIQQ RLQDFSQDTQ AELERERAQL MVRATMAEQQ LSELQEYVDQ HLGRYKQEIL KLRKLVNIGD PQGVEAVSSP GSGGARL 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.

Product Details

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:

CCDC78

Alternative Name:

Ccdc78 ([CCDC78 Products](#))

Background:

Coiled-coil domain-containing protein 78,FUNCTION: Component of the deuterosome, a structure that promotes de novo centriole amplification in multiciliated cells that can generate more than 100 centrioles. Deuterosome-mediated centriole amplification occurs in terminally differentiated multiciliated cells (G1/0) and not in S phase. Essential for centriole amplification and is required for CEP152 localization to the deuterosome (By similarity). {ECO:0000250}.

Molecular Weight:

49.5 kDa

UniProt:

[D3Z5T1](#)

Pathways:

[Skeletal Muscle Fiber Development](#)

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.

Application Details

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