

Datasheet for ABIN7546568  
**CNBD2 Protein (AA 1-576) (His tag)**



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## Overview

Quantity:	1 mg
Target:	CNBD2
Protein Characteristics:	AA 1-576
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CNBD2 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant CNBD2 Protein expressed in mammalian cells.
Sequence:	<p>MRRHMVTYAW QLLKKELGLY QLAMDIIIMI RVCKMFRQGL RGFREYQIIE TAHWKHPIFS FWDKKMQSRV TFDTMDFIAE EGHFPPKAIQ IMQKKPSWRT EDEIQAVCNI LQVLDSYRNY AEPLQLLAK VMRFERFGRR RVIKKGQKG NSFYFIYLG TAITKDEDGS SAFLDHPKL LHKGSCFGEM DVLHASVRRS TIVCMEETEF LVVDREFFA NKLDQEVQKD AQYRFEFFRK MELFASWSDE KLWQLVAMAK IERFSYGQLI SKDFGESPF I MFISKGSC EV LRLLDLGASP SYRRWIWQHL ELIDGRPLKT HLSEYSPMER FKEFQIKSYP LQDFSSLKLP HLKKA WGLQG TSFSRKIRTS GDTLPKMLGP KIQSRPAQSI KCAMINIKPG ELPKEAAVGA YVKVHTVEQG EILGLHQ AFL PEGECDTRPL ILM SLGNELI RIRKEIFYEL IDNDD EMIKK LKLNIAFPS DEDMCQKFLQ QNSWNIFRKD LLQLLVEPCQ SQLFTPNRPK KREIYNPKSV VLDLCSINKT TKPRYPIFMA PQKYLPLRI VQAIKAPRYK IRELLA <b>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</b></p>

## Product Details

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### 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.

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

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Target: CNBD2

Alternative Name: CNBD2 ([CNBD2 Products](#))

Background: Cyclic nucleotide-binding domain-containing protein 2,FUNCTION: Essential for male fertility. Plays an important role in spermatogenesis and regulates sperm motility by controlling the development of the flagellar bending of sperm. {ECO:0000250|UniProtKB:Q9D5U8}.

Molecular Weight: 67.5 kDa

UniProt: [Q96M20](#)

## Application Details

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Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for

## Application Details

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functional studies yet we cannot offer a guarantee though.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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