

Datasheet for ABIN7564656  
**CNOT6 Protein (AA 1-557) (His tag)**



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## Overview

Quantity:	1 mg
Target:	CNOT6
Protein Characteristics:	AA 1-557
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CNOT6 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Cnot6 Protein expressed in mammalian cells.
Sequence:	MPKEYEPPD PRRMYTIMSS EEAANGKKSH WAELEISGKV RLSSSLWLSL THLTALHLSD NSLSCIPSDI AKLHNLVYLD LSHNQIQLP AELGNMVSLR ELHLNYNQLR VLPFELGKLF QLQTLSLKGK PLTQDILNLC LEPDGTRRL NYLLDNLSGT AKRISTEQPP PRSWIMLQEP DRTRPTALFS VMCYNVLC DK YATRQLYGYC PSWALNWDYR KKAIQEI LS CNADIISLQE VETEYYSFF LVELKERGYN GFFSPKSRAR TMSEQRKHV DGCAIFFKTE KFTLVQKHTV EFNQLAMANS EGSEAMLNRV MTKDNIGVAV LLELRKELIE MSSGKPHLGT EKQLILVANA HMHWDPEYSD VKLVQTMFL SEVKNIIDKA SRSLKSSVLG ECGTIPLVLC ADLNSLPDSG VVEYLSTGGV ETNHKDFKEL RYNESLTNFS CNGKNGMTNG RITHGFKLKS AYENGLMPYT NYTFDFKGII DYIFYSKPQL NTLAILGPLD HHWLVENNIS GCPHPLIPSD HFSLFAQLEL LLPFLPQVNG IHLPGRR <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 contact us.</b>

## Product Details

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**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.

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**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.

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**Purity:** > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

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**Grade:** custom-made

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## Target Details

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**Target:** CNOT6

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**Alternative Name:** Cnot6 ([CNOT6 Products](#))

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**Background:** CCR4-NOT transcription complex subunit 6 (EC 3.1.13.4) (CCR4 carbon catabolite repression 4-like) (Carbon catabolite repressor protein 4 homolog) (Cytoplasmic deadenylase),FUNCTION: Poly(A) nuclease with 3'-5' RNase activity. Catalytic component of the CCR4-NOT complex which is one of the major cellular mRNA deadenylases and is linked to various cellular processes including bulk mRNA degradation, miRNA-mediated repression, translational repression during translational initiation and general transcription regulation. Additional complex functions may be a consequence of its influence on mRNA expression. Involved in mRNA decay mediated by the major-protein-coding determinant of instability (mCRD) of the FOS gene in the cytoplasm. In the presence of ZNF335, enhances ligand-dependent transcriptional activity of nuclear hormone receptors. Mediates cell proliferation and cell survival and prevents cellular senescence. {ECO:0000250|UniProtKB:Q9ULM6}.

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## Target Details

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Molecular Weight: 63.3 kDa

UniProt: [Q8K3P5](#)

## 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 functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

## Handling

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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