

Datasheet for ABIN7553527  
**CNOT6L Protein (AA 1-555) (His tag)**



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## Overview

Quantity:	1 mg
Target:	CNOT6L
Protein Characteristics:	AA 1-555
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CNOT6L protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

## Product Details

Purpose:	Custom-made recombinat CNOT6L Protein expressed in mammalian cells.
Sequence:	<p>MRLIGMPKEK YDPPDPRRIY TIMSAEEVAN GKKS HWAELE ISGRVRSLSL SLWSLTHLTA</p> <p>LHLNDNYLSR IPPDIAKLHN LVYLDLSSNK LRSLPAELGN MVSLRELLLN NNLLRVLPYE</p> <p>LGRLFQLQTL GLKGNPLSQD ILNLYQDPDG TRKLLNFMLD NLAVHPEQLP PRPWITLKER</p> <p>DQILPSASFT VMCYNVLC DK YATRQLYGYC PSWALNWEYR KKGIMEEIVN CDADIISLQE</p> <p>VETEYQFTLF LPALKERGYD GFFSPKSRK IMSEQRKRV DGCAIFFKTE KFTLVQKHTV</p> <p>EFNQVAMANS DGSEAMLNRV MTKDNIGVAV VLEVHKELFG AGMKPIHAAD KQLLIVANAH</p> <p>MHWDPEYSDV KLIQTMMFVS EVKNILEKAS SRPGSPTADP NSIPLVLCAD LNSLPDSGVV</p> <p>EYLSNGGVAD NHKDFKELRY NECLMNFSCN GKNGSSEGRI THGFQLKSAY ENNLMPYTNY</p> <p>TFDFKGVIDY IFYSKTHMNV LGVLGPLDPQ WLVENNITGC PHPHIPSDHF SLLTQLELHP</p> <p>PLLPLVNGVH LPNRR <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make</b></p>

**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

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### Target:

CNOT6L

### Alternative Name:

CNOT6L ([CNOT6L Products](#))

### Background:

CCR4-NOT transcription complex subunit 6-like (EC 3.1.13.4) (Carbon catabolite repressor protein 4 homolog B),FUNCTION: Has 3'-5' poly(A) exoribonuclease activity for synthetic poly(A) RNA substrate. 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. May be involved in the deadenylation-dependent degradation of mRNAs through the 3'-UTR AU-rich element-mediated mechanism. Involved in deadenylation-dependent degradation of CDKN1B mRNA. Its mRNA deadenylase activity can be inhibited by TOB1. Mediates cell proliferation and cell survival and prevents cellular senescence. {ECO:0000269|PubMed:17452450, ECO:0000269|PubMed:18377426, ECO:0000269|PubMed:21233283}.

## Target Details

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Molecular Weight: 63.0 kDa

UniProt: [Q96LI5](#)

## Application Details

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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

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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