

Datasheet for ABIN7546677
CNOT8 Protein (AA 1-292) (His tag)



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Overview

Quantity:	1 mg
Target:	CNOT8
Protein Characteristics:	AA 1-292
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CNOT8 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant CNOT8 Protein expressed in mammalian cells.
Sequence:	MPAALVENSQ VICEVWASNL EEEMRKIREI VLSYSYIAMD TFFPGVVVRP IGEFRSSIDY QYQLLR CNVD LLKIIQLGLT FTNEKGEYPS GINTWQFNFK FNLTEDMYSQ DSIDLLANS LQFQKHEEEG IDTLHFAELL MTSGVVLCDN VKWLSFHSGY DFGYMKVLLT DSRLPEEEHE FFHILNLFFP SIYDVKYLK SCKNLKGGQ EVADQLDLQR IGRQHQAGSD SLLTGMAFFR MKELFFEDSI DDAKYCGRLY GLGTGVAQKQ NEDVDSAQEK MSILAIINNM QQ 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.
Characteristics:	Key Benefits:

Product Details

- 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:	CNOT8
Alternative Name:	CNOT8 (CNOT8 Products)
Background:	CCR4-NOT transcription complex subunit 8 (EC 3.1.13.4) (CAF1-like protein) (CALIFp) (CAF2) (CCR4-associated factor 8) (Caf1b),FUNCTION: Has 3'-5' poly(A) exoribonuclease activity for synthetic poly(A) RNA substrate. Its function seems to be partially redundant with that of CNOT7. Catalytic component of the CCR4-NOT complex which is linked to various cellular processes including bulk mRNA degradation, miRNA-mediated repression, translational repression during translational initiation and general transcription regulation. During miRNA-mediated repression the complex seems also to act as translational repressor during translational initiation. Additional complex functions may be a consequence of its influence on mRNA expression. Associates with members of the BTG family such as TOB1 and BTG2 and is required for their anti-proliferative activity. {ECO:0000269 PubMed:12771185, ECO:0000269 PubMed:19605561, ECO:0000269 PubMed:20065043, ECO:0000269 PubMed:23236473}.
Molecular Weight:	33.5 kDa
UniProt:	Q9UFF9

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.

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
