

# Recombinant Full Length Human CNOT2 Protein, GST-tagged

**Cat. No.** CNOT2-1936HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human CNOT2 full-length ORF ( AAH02597, 1 a.a. - 540 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                          |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>ProteinLength</b>    | 540 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Description</b>      | This gene encodes a subunit of the multi-component CCR4-NOT complex. The CCR4-NOT complex regulates mRNA synthesis and degradation and is also thought to be involved in mRNA splicing, transport and localization. The encoded protein interacts with histone deacetylases and functions as a repressor of polymerase II transcription. Alternatively spliced transcript variants have been observed for this gene. [provided by RefSeq, Dec 2010] |
| <b>Molecular Mass</b>   | 85.14 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>AA Sequence</b>      | MVRTDGHTLSEKRNYQVTNSMFGASRKKFVEGVDSYHDENMYYSQSSMFPHRS<br>EKDMLASPSTSGQLSQFGASLYGQQSALGLPMRGMSNNTPQLNRSLSQGTQLPSH<br>VTPTTGVPTMSLHTPPSPSRGILPMNPRNMMNHSQVGQGIGIPSRNTSMSSSGLGS<br>PNRSSPSIICMPKQQPSRQPFTVNSMSGFGMNRNQAFGMNNSLSSNIFNGTDGSE<br>NVTGLDLSDFPALADRNRREGSGNPTPLINPLAGRAPYVGMVTKPANEQSQDFSIIH<br>NEDFPALPGSSYKDPTSSNDDSKSNLNTSGKTTSSTDGPKFPGDKSSTTQNNNQQ<br>KKGIVLPDGRVTNIPQGMVTDQFGMIGLLTFIRAAETDPGMVHLALGSDLTTLGLNL                        |

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NSPENLYPKFASPWASSPCRQDIDFHVPSYLTNIHIRDKLA AIKLG RYGEDLLFYLYYMNGGDVLQLLA AVELFN RDWRYHKEERVWITRAPGMEPTMKTNTYERGTYFFDCLNWRKVAK EFHLEYDKLEERPHLPSTFNYNPAQ QAF

**Applications**

Enzyme-linked Immunoabsorbent Assay  
Western Blot (Recombinant protein)  
Antibody Production  
Protein Array

**Notes**

Best use within three months from the date of receipt of this protein.

**Storage**

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer**

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

**Gene Name**

CNOT2 CCR4-NOT transcription complex, subunit 2 [ Homo sapiens ]

**Official Symbol**

CNOT2

**Synonyms**

CNOT2; CCR4-NOT transcription complex, subunit 2; NOT2; CCR4-NOT transcription complex subunit 2; CDC36; NOT2H; CCR4-associated factor 2; negative regulator of transcription 2; HSPC131; FLJ26456

**Gene ID**

4848

**mRNA Refseq**

NM\_001199302

**Protein Refseq**

NP\_001186231

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| MIM | 604909 |
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| UniProt ID | Q9NZN8 |
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