

Recombinant Full Length Human CNOT2 Protein, GST-tagged

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

SPECIFICATION

Product Overview	Human CNOT2 full-length ORF (AAH02597, 1 a.a. - 540 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	540 amino acids
Description	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]
Molecular Mass	85.14 kDa
AA Sequence	MVRTDGHTLSEKRNYQVTNSMFGASRKKFVEGVDSYHDENMYYSQSSMFPHRS EKDMLASPSTSGQLSQFGASLYGQQSALGLPMRGMSNNTPQLNRSLSQGTQLPSH VTPTTGVPTMSLHTPPSPSRGILPMNPRNMMNHSQVGQGIGIPSRNTSMSSSGLGS PNRSSPSIICMPKQQPSRQPFTVNSMSGFGMNRNQAFGMNNSLSSNIFNGTDGSE NVTGLDLSDFPALADRNRREGSGNPTPLINPLAGRAPHYVGMVTKPANEQSQDFSIIH NEDFPALPGSSYKDPTSSNDDSKSNLNTSGKTTSSTDGPKFPGDKSSTTQNNNQ KKGIVLPDGRVTNIPQGMVTDQFGMIGLLTFIRAAETDPGMVHLALGSDLTTLGLNL

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NSPENLYPKFASPWASSPCRQDIDFHVPSYLTNIHIRDKLAAIKLGRYGEDLLFYLYYMNGGDVLQLLAAVELFNRDWRYHKEERVWITRAPGMEPTMKTNTYERGTYFFDCLNWRKVAKFEHLEYDKLEERPHLPSTFNYNPAQQAF

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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