

Recombinant Human CNOT2 Protein, GST-tagged

Cat. No. CNOT2-1578H **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	Wheat Germ
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 VTPTTGVPTMSLHTPPSPSRGILPMNPRNMMNHSQVGQGIGIPSRTNMSSSGLGS PNRSSPSIICMPKQQPSRQPFTVNSMSGFGMNRNQAFGMNNSLSSNIFNGTDGSE NVTGLDLSDFPALADRNRREGSGNPTPLINPLAGRAPYVGMVTKPANEQSQDFSIH NEDFPALPGSSYKDPTSSNDDSKSNLNTSGKTTSSTDGPKFPGDKSSTTQNNNQ KKGIVLPDGRVTNIPQGMVTDQFGMIGLLTFIRAAETDPGMVHLALGSDLTTLGLNL NSPENLYPKFASPWASSPCRPDIDFHPSEYLTNIHIRDKLAAIKLGRYGEDLLFYL

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	YYMNGGDVLQLLAAVELFNRDWRYHKEERVWITRAPGMEPTMKTNTYERGTYFF DCLNWRKVAKFEFHLEYDKLEERPHLPSTFNYNPAQAF
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
MIM	604909

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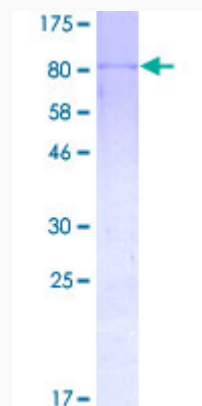
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UniProt ID

Q9NZN8

Quality Control

Testing:



12.5% SDS-PAGE Stained with Coomassie Blue.

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