

Product datasheet for SC329510

CNOT2 (NM_001199303) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: CNOT2 (NM_001199303) Human Untagged Clone
Tag: Tag Free
Symbol: CNOT2
Synonyms: CDC36; HSPC131; IDNADFS; NOT2; NOT2H
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC329510 representing NM_001199303.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

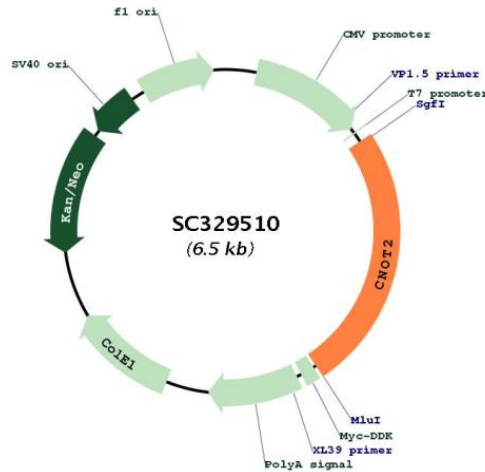
ATGGTGAGGACTGATGGACATACATTATCTGAGAAAAGAACTACCAGGTGACAAACAGCATGTTTGGT
GCTTCAAGAAAGAAGTTTGTAGAGGGGGTCGACAGTGACTACCATGACGAAAACATGTACTACAGCCAG
TCTTCTATGTTTCCACATCGGTGAGAAAAGATATGCTGGCATCACCATCTACATCAGGTGAGTGTCT
CAGTTTGGGGCAAGTTTATACGGGCAACAAAGTGCCTAGGCCTCCAATGAGGGGGATGAGCAACAAT
ACCCCTCAGTTAAATCGCAGCTTATCACAAGGCACTCAGTTACCGAGCCACGTCACGCCAACACAGGG
GTACCAACAATGTCACCTCACACGCCTCCATCTCCAAGCAGGGGTATTTGCCTATGAATCCTAGGAAT
ATGATGAACCACTCCCAGGTTGGTCAGGGCATTGGAATCCTAGCAGGACAAATAGCATGAGCAGTTCA
GGTTAGGTAGCCCCAACAGAAGCTCGCCAAGCATAATATGTATGCCAAAGCAGCAGCCTTCTCGACAG
CCTTTTACTGTGAACAGTATGTCTGGATTTGGAATGAACAGGAATCAGGCATTTGGAATGAATAACTCC
TTATCAAGTAACATTTTTAATGGAACAGACGGAAGTGAATGTGACAGGATTGGACCTTTCAGATTTTC
CCAGCATTAGCAGACCGAAACAGGAGGGGAAGGAAGTGGTAACCCAATCCATTAATAAACCCCTGGCT
GGAAGAGCTCCTTATGTTGGAATGGTAACAAAACCAGCAAATGAACAATCCCAGGACTTCTCAATACAC
AATGAAGATTTCCAGCATTACCAGGCTCCAGCTATAAAGATCCAACATCAAGTAATGATGACAGTAAA
TCAATTTTGAATACATCTGGCAAGACAACCTCAAGTACAGATGGACCCAAATCCCTGGAGATAAAAGT
TCAACAACACAAAATAATAACCAGCAGAAAAAAGGGATCCAGGTGTTACCTGATGGTCGGGTTACTAAC
ATTCTCAAGGGATGGTACGGACCAATTTGGAATGATTGGCCTGTTAACATTTATCAGGCAGCAGAG
ACAGACCCAGGAATGGTACATCTTGCAATTAGGAAGTGAATTAACAACATTAGGCCTCAATCTGAACTCT
CCTGAAAATCTCTACCCAAATTTGCGTCACCCTGGGCATCTTACCTTGTGACCTCAAGACATAGAC
TTCCATGTTCCATCTGAGTACTTAACGAACATTACATTAGGGATAAGCTGGCTGCAATAAACTTGGC
CGATATGGTGAAGACCTTCTCTTCTATCTTATTACATGAATGGAGGAGACGTATTACAACCTTTAGCT
GCAGTGGAGCTTTTTAACCGTGATTGGAGATACCACAAAGAAGAAGCAGTATGGATTACCAGGGCACCA
GGCATGGAGCCAACAATGAAAACCAATACCTATGAGAGGGGAACATATTACTTCTTTGACTGTCTTAAC
TGGAGGAAAGTAGCTAAGGAGTTCATCTGGAATATGACAAATTAGAAGAAGCCCTCACCTGCCATCC
ACCTTCAACTACAACCTGCTCAGCAAGCCTTCTAA
  
```

Restriction Sites: SgfI-MluI



[View online »](#)

Plasmid Map:



ACCN: NM_001199303

Insert Size: 1623 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_001199303.1](#)

RefSeq Size: 3415 bp

RefSeq ORF: 1623 bp

Locus ID: 4848

UniProt ID: [Q9NZN8](#)

Cytogenetics: 12q15

Protein Families: Transcription Factors

Protein Pathways: RNA degradation

MW: 59.7 kDa

Gene Summary: 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]
Transcript Variant: This variant (1) encodes the functional protein. Variants 1, 2 and 3 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.