

Product datasheet for SC211909

CNOT1 (NM_016284) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: CNOT1 (NM_016284) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: CNOT1
Synonyms: AD-005; CDC39; HPE12; NOT1; NOT1H
ACCN: NM_016284
Insert Size: 1037 bp
Insert Sequence: >SC211909 3'UTR clone of NM_016284
 The sequence shown below is from the reference sequence of NM_016284. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CAAGTAATGGAAGGGACAGGTGCCAGTACGACGAACTGCATCTCTGTTGTACGTGTGCTAGAGGT
CTCACTGCACCGAGTTCATAAACTGACTGAAGAATCCTTTCAGCTCTTCCCTGACTTCCAGCCCTTG
GTTTGTGGGTATCTGCCCAACTACTGTTGGGATCAGCCTCCTGTCTTATGTGGGCACGTTCCAAAGTT
TAAATGCATTTTTTTGACTCTTGCCAAAATTTAGAAGATGCTGTGAATATCATTGAACTTGTGTAA
ATACATGAAAGAGAAAACCTTTGTCTGGAACCTTTGGCTTTGTGCAAGCTGTGCAAGGCAAGTACA
TAAACTGGTACCTTGTAATGAAGAGGCAGCTGATGCCATGCACTTGTCTGAGGGCATAGCTCCATGTCT
TCTGACATTCCTGGTGTCCCAAAGAATAGCAAAAAGCCAGTTTGAATATTATGTAACCTATTTTTTAA
TGTGGACAGGGGACCTTGAAAATCACTAAGTTATTAATAATGTGGATGTGCTAGAATTGGATATGCCA
GGAACATGGGAAGGGCTCACTATTGGAATCCCATGAGTTTCCATTTTGTCTCTACCCAAACGTATTCCA
AAGCTGACTGCATTTGTACCATCTTATTTCTTTTGGGGATTATACACCTCAGCCGCTGAGATGGGGGT
CAGCTCTTTATATAAAGGAAACAGACCAGGCCATAAGCCACCCCTACCTCACCCCCCAATCCTC
TCCTGAAACTTAAAAACAGTGGGAATATAGGAAAAGGAAACCAAATCTCATTAAATTAATTGTTCTCCCC
ATTACCCCACTGAATGAATGGCCATACAGGCTAAGCTGAATAATGACAAAGTTGAAAGGACCAATACAG
CCCCTTTTATAAGGATTTTGAATGTTTTGCAAATGTATTGGTCCCTGTGTGATTTTGTAGCCTTTTC
CTGGGCTTCAGCTCCCCTACTTCTGTATGTGTATGCATACTGTAGCTAACCATTAAGTCATGACACA
CA
ACGCGTAAAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

Restriction Sites: SgfI-MluI



[View online »](#)

OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_016284.5
Summary:	Scaffolding component of the CCR4-NOT complex which is one of the major cellular mRNA deadenylases and is linked to various cellular processes including bulk mRNA degradation, miRNA-mediated repression, translational repression during translational initiation and general transcription regulation. Additional complex functions may be a consequence of its influence on mRNA expression. Its scaffolding function implies its interaction with the catalytic complex module and diverse RNA-binding proteins mediating the complex recruitment to selected mRNA 3' UTRs. Involved in degradation of AU-rich element (ARE)-containing mRNAs probably via association with ZFP36. Mediates the recruitment of the CCR4-NOT complex to miRNA targets and to the RISC complex via association with TNRC6A, TNRC6B or TNRC6C. Acts as a transcriptional repressor. Represses the ligand-dependent transcriptional activation by nuclear receptors. Involved in the maintenance of embryonic stem (ES) cell identity.[UniProtKB/Swiss-Prot Function]
Locus ID:	23019
MW:	38.3