

Product datasheet for **SC200238**

CNOT1 (NM_206999) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	CNOT1 (NM_206999) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CNOT1
Synonyms:	AD-005; CDC39; HPE12; NOT1; NOT1H
ACCN:	NM_206999
Insert Size:	262 bp
Insert Sequence:	>SC200238 3'UTR clone of NM_206999 The sequence shown below is from the reference sequence of NM_206999. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC TTTCTGTTATATTCTCAACACGATGTTTGACAGATAGTAGATACCCAAATATTTGTTGGTTAAATAAA TTAAGATTTAAAAAGGAAATGTGATATCTGACAATCTCATTCTGTTAACAGGAAGGATGAAAGCTGT TTGAGAAGGCCGATACAAAATGACTTAAAGTGATGTTGCATGTGCACACACTTTTCAAATAATTCACCT ACTAGTTTTGAGTCTCAGATATCATGGTTAATAATTCAGGTATCATGATTAATAA ACGCGT AAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
Restriction Sites:	SgfI-MluI
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:	<u>NM_206999.3</u>



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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: 10.3