

Product datasheet for **SC203623**

CCR4 NOT transcription complex subunit 3 (CNOT3) (NM_014516) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: CCR4 NOT transcription complex subunit 3 (CNOT3) (NM_014516) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: CNOT3
Synonyms: IDDSADF; LENG2; NOT3; NOT3H
ACCN: NM_014516
Insert Size: 304 bp
Insert Sequence: >SC203623 3'UTR clone of NM_014516

The sequence shown below is from the reference sequence of NM_014516. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CGCTACCTGGAGGACCGGACCTCCAGTGAACCCGGCCCTCCCTCTACCCACCCCTTCCCCCGCATG
CTGATCCCCCTGCCAGGTGAGGGCCCTGCCCTGGAAGACTGGAGGGAGGCCCAAGCCACGGGGCATC
CCCTCTCCCAGGAAGCAGGGAGGGGGCCGGGAGGTTTTCTCTCAGCCCAACCTGGGGGCCCGGGGG
CGAGGGCTGCCCTCCTCCCCTCCCCAGTGAGGGACATTTTTGGTAAACCTATTTTCATTTTGAAA
ATATTTATGAATAAATAGTTTTATATGA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

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: [NM_014516.4](#)



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Summary:

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. May be involved in metabolic regulation; may be involved in recruitment of the CCR4-NOT complex to deadenylation target mRNAs involved in energy metabolism. Involved in mitotic progression and regulation of the spindle assembly checkpoint by regulating the stability of MAD1L1 mRNA. Can repress transcription and may link the CCR4-NOT complex to transcriptional regulation; the repressive function may involve histone deacetylases. Involved in the maintenance of embryonic stem (ES) cell identity.[UniProtKB/Swiss-Prot Function]

Locus ID: 4849

MW: 11.3