

Product datasheet for **SC214486**

CNOT8 (NM_004779) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	CNOT8 (NM_004779) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CNOT8
Synonyms:	CAF1; Caf1b; CALIF; hCAF1; POP2
ACCN:	NM_004779
Insert Size:	1383 bp



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Insert Sequence: >SC214486 3'UTR clone of NM_004779
The sequence shown below is from the reference sequence of NM_004779. 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
CTGGCGATTATCAACAACATGCAGCAGTATGGCCGAGGCTCTGCAGGGTGGGCCTGATCCAGAGTG
GTGCTTACTGTGCTGACTGTGTACTTATCTTCCCAAGAGAAAATGCTTCTTTTGTAGCACACTGTACCT
ACCATCTGCATTGAGCAGAAAAGACTTTTGTACTGAAGACAAAAGATGTTTTTATTTAGACCCAGA
AGAGAGGAGTTTGTCTGAATTTGTAATAAGTCTTCCCATTCTCATACTCGAGCCTCTCCTCTCTG
GTTGCCTCTGCCACCAGCATCCATGGCTCATTGACACCTTTTAAATATCAGGACAAGTCTGAAACA
AAGTAGTAAAATGTATATAACTCTTACCTGTTGCTATTCTTTTCTTTTAAATTTGTTGCTAATCTCTG
ATAATGAAGATTCTACTCTGATTCTCAGCTGAGCTGTGAGGGCTCCAGGGAAAATGGAACAAAATGG
TGTTCTTAGGTAATGGGTTGTAGATACTGAGTCTTCTTCTTCTTCTGACCTTCTCGAGGACATTG
CTTTCCTCACACTTTTGTAGTCTCTTTACATATTACTATATGAAATGAATTGCTCTGTGCTGAAT
TTGAAGACCAGATAATGAACTGAAAAGCAAACAATTTTACTGAATCTGTCTACCCTTATTTCATGAGA
ACTCCAGAATGAGTGTGACCACTGAAGCATCTTTAAGTCTGTGTTCCATTGTGCCATTGAGTTTGC
TGTACATATGCATCATCTGAAATCATTGAAATTTTGTACAATAAAATATCCTGGATTGATCCTGA
AGGAACTAGTAAGATCAGATTTTTGGGTCATGCTGTGTTGATTTTTCAGTAATGTGATTTGATGGTC
ATCTGGATTCTCCCACTTCTACTCCATTATTTCTACTTTTCTTCCAGCAAACCTGAAACGTGAG
GGAGATGGATTAATGTGAGTAACAGGAATGTGCTTTAAAAAGCTAGAGTGGTTACATTTAATCAGGCA
GTAAGATAAATTTGGGTTCTTGAGTTGTTTGGAGTAATATCCACAACCTGGGTAGGAAGCTCAGGACT
TTTTTCTTAAAGCTAGTCAATTTCAAAGCATATTGTATTTTTTTGAATGACTACAGTATGGACAATTT
CAAAAACCAAAACCCACTTTGGATTGGTGAAGTAAAACTGGTAACTCACTCAAGTGAATGAATGGTC
TTGCATTTTAAAGCTTATGGGAACTCAATTTGAAATGATTAGAAAATGTCAAGTATTATAAGCTGGT
ATTTAAGATGCTTGAAATACTATTTATGTTTTTAAATTTGTAATAAAGATTTCTTTTAACTG
GCA
ACGCGTAAAGCGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCCTTCTATGAAAGG
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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_004779.6](#)

Summary:

Has 3'-5' poly(A) exoribonuclease activity for synthetic poly(A) RNA substrate. Its function seems to be partially redundant with that of CNOT7. Catalytic component of the CCR4-NOT complex which is linked to various cellular processes including bulk mRNA degradation, miRNA-mediated repression, translational repression during translational initiation and general transcription regulation. During miRNA-mediated repression the complex seems also to act as translational repressor during translational initiation. Additional complex functions may be a consequence of its influence on mRNA expression. Associates with members of the BTG family such as TOB1 and BTG2 and is required for their anti-proliferative activity. [UniProtKB/Swiss-Prot Function]

Locus ID:

9337

MW:

53.9