

## Product datasheet for **SC214866**

### **CNOT7 (NM\_013354) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	CNOT7 (NM_013354) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CNOT7
Synonyms:	CAF-1; CAF1; Caf1a; hCAF-1
ACCN:	NM_013354
Insert Size:	1508 bp



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**Insert Sequence:** >SC214866 3' UTR clone of NM\_013354  
 The sequence shown below is from the reference sequence of NM\_013354. The complete sequence of this clone may contain minor differences, such as SNPs. **Red**=Cloning site  
**Blue**=Stop Codon

CAATTGGCAGAGCTCAGAATTCAA**GCGATCGC**

AGGAAGCCAACAAGCAGTCA**TGA**CATGAAATAGTCCTTTTATTTTTATTTTCGAGCTACACACATGCTTGT  
 ATATAGGTTTTATCTCTGGTTGAATCCCTCGAACAAATAGACAGTACCTTTCCCCCCTTTCATGGCCCA  
 TTTTATTGTCTGCCTTTCAGTACTAAGTATGACCGTTCCTATCTCAGATCTTAATAAAAAAGAAAAA  
 AACGCATTGAGTTAAATTTGGCCTTAATTTAATACTTGTAGCAAGCGTGTGTGACAGAGAGTGGG  
 AAAGCTACATCATTGAATATTTGATAAACTTTACCGACTTGAGTTTGGTTTATTTTCCCTTTTCTAA  
 ATTAAGTACTGACTGACTGAATTTATTTCCCTGTTTACAGTCTCTCCCTCCATTCTGCAGGAGTTTATG  
 CTATTTGAGATCGTGGACCATCAGTTTTGCACCTTAGAGAGTGTCTGACTCTAAACCTGTTTTATCAG  
 AAAATTTGTTTTTCTTGATCTTAGCTGAAAAATCTGCCAACTTACACAGTATTTACTTGGTTTTGAC  
 CCACAGAAATATAGCACGTTGTGCAAACTGTGCGATTACAGCGAACTTAAAAAGACAAGAACTACTGAGG  
 AGCTTAGTAACTGCTGTTTCTGTACGTAGTGTAAATCTTCCAAGCACATCTAGTGTCTGTCAGTTTCTA  
 ATTGGCATGTGTAGGCTGCTCTGTGACTGAAGAATTTTCAAACCGCTTTACACCCTTCAGGAAAAATCC  
 CTTGTGATTGGATGTTTACTATCTGCCAGGAACTGGTACTCAAGATGTTGAAGCTACAGTTATTTTATG  
 ATAGCACACTTCCCTTGATCTGCTTATTTTTATCCATCACCATTTACCCTTTTTTTTTTTTTAAATTT  
 GTAGCCATTCTTATGATGCTCTTGATTTGTTGGTTACACAAATCAATTTATTAATAAATCCAAAGATAAG  
 TCTTTAGGTATATTTTGTACAAATTAATAGAAAGACAAAAATTGTGCTTTCATAGTTGCTACAAAGGT  
 AAATAATGGAGAGATTTGGTACAAAACAACAAATATATATATATTCTCATATATATATATAGCTGAT  
 AAAATTACCTGAGGAGTGAATGCTTATTTTTTGTGTATATCTTTGCAATCTATTTATATATATTGAC  
 AAAAGAGACTGTGAAATACTTAGCCATGCAGAATATGTGACCAGACCAGAGCATGTGTAGGAAGACTTTA  
 CGGTAATCATAACTCTACCCGAAATGATGGACTACAAGTTATAATGTGTGTTACCTACACTTCAATCA  
 GTAATATTAGCAAATCTCAAATGTTAGTCACATTGGTTTGTCTCCCTGTACATTCTTTATTTCATGATA  
 TTACAGTGCTGAACTGGGTGGTCTTTTTAAACAAAACATTATTTGCAAAACAGAGGGTATTATTTGTT  
 TTTAAAGCTTTTGTAAATAAAGGCTTCAAATGTTTTT

**ACGCGT**AAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCG

**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\\_013354.5](#)

**Summary:**

The protein encoded by this gene binds to an anti-proliferative protein, B-cell translocation protein 1, which negatively regulates cell proliferation. Binding of the two proteins, which is driven by phosphorylation of the anti-proliferative protein, causes signaling events in cell division that lead to changes in cell proliferation associated with cell-cell contact. The encoded protein downregulates the innate immune response and therefore provides a therapeutic target for enhancing its antimicrobial activity against foreign agents. Alternative splicing of this gene results in multiple transcript variants. Related pseudogenes have been identified on chromosomes 1 and X. [provided by RefSeq, Apr 2016]

**Locus ID:**

29883