

Product datasheet for **SC114071**

C2ORF29 (CNOT11) (NM_017546) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C2ORF29 (CNOT11) (NM_017546) Human Untagged Clone
Tag:	Tag Free
Symbol:	C2ORF29
Synonyms:	C2orf29; C40
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >OriGene ORF within SC114071 sequence for NM_017546 edited (data generated by NextGen Sequencing)

```
ATGCCCGCGGAGGGGCGAGCGCGGCTCTGGCCGGCTTCTACCGCCGCGGAGCAAAGA
GGGTCCCGGAAGCGGCAGGGTCGGCGTCCAGGAGCGGCTTCGGGGGCTCCGGCGCGGC
AGAGGCGGAGCAAGCGGCCCCGGGTCCGGGAGCGGAGGCCGGGGGGCCCCGCGGCAGG
ATGAGCTTGACCCGAAGGAGCTCTCGAGCCTGCTGAGCATCATATCGGAGGAGCGGGC
GGCGGCAGCACCTTCGAGGGCCTGTCCACCGCCTTCCACCACTACTTCAGCAAGCCGAC
CACTTCCGCCTGGGCTCGGTGCTGCTCATGCTGCTCCAGCAGCCGACCTGCTGCCTAGC
GCGGCGCAGCGCCTCACGGCGCTCTACCTGCTCTGGGAGATGTACCGCACCGAGCCGCTG
GCCGCCAACCCCTTCGCCGCCAGCTTCGCGCACCTGCTCAACCCCGCGCCGCCGCCCGC
GGCGGCCAGGAACCCGACCGCCCTCCGCTCTCAGGATTTTACCTCTATAACTCCACCA
GAAAAGTTTTTTTCTTCCAGCTGATGCTGGCACCCACGGGAACCTTCAAAAAGACG
CCTCGCCAGATTGCACTGATGGACGTTGAAACATGGGCCAGTCTGTGGACATTAGTGGG
CTTCAGTTAGCCTTGCCGAACCCAATCTGAATTGCCAACACAAAGCAAAGCGAGCTTC
CCCAGTATTCTCAGTGACCCAGACCCGATTCTTCTAATTCTGGATTTGACAGCTCAGTT
GCCTCTCAGATCAGAAAGCTTTAGTCAGCGGACCAAAGCCACCTATTGAAAGCCATTTT
CGACCAGAGTTTATTCGTCCACCGCCTCCACTCCACATTTGTGAGGATGAACCTGCTTGG
CTAAACCCACGAGCCTGACACGCGATCCAGTGGGATAAATCGATGTGTGTTAAGAAT
AGCACTGGTGTGGAGATCAACGAATAATGGCCAAAGCCTTCAAAAGCCCTTATCCTCT
CCCCAACAAACACAGCTACTTGGTGAGTTGAAAAAGACCCCAAACCTTGTCTACCATATT
GGCCTCACCCAGCCAACTTCTGACCTTGTGAAAAACAACCTTTAGTCGCTATAGAA
ATGTTGCTGAAATTAATGCAGTCAAGCCAGATCACTGAGTATTTCTGTCTGCTGTCAT
ATGGACATGTCTTACATTCAATGGAAGTTGTAATCGACTAATACTACAGCTGTTGATCTA
CCTCCTGAATTTATTCACCTTTATATATCAAAATGCATCTCTACTTGTGAACAGATTAAG
GATAAATATATGCAGAATCGGTTGGTGCCTTGTGTGTGTTTCTCCAATCCTTGATC
CGTAACAAAATTATTAATGTACAGGATTTGTTTATAGAAGTGACGGCATTCTGTATTGAA
TTCAGTAGGATACGAGAAGCTGCTGGTCTTTCCGGTTGTTGAAGACATTGGATACTGGG
GAAACACCTTCTGAGACCAAAATGTCAAAATAA
```

Clone variation with respect to NM_017546.4
702 g=>a

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_017546 unedited

```
GGTTCACATTTGTATACGACTCTATAGGGCGGCCGGAATTCGCACGAGGCGCCAGGGC
CCCTCGGGCCGGGAAGAGGGGAAGGGGAGCGAGTTGATGCCCGGCGAGGGGCGAGCGC
GGCGTCTGGCCGGCTTCTACCGCCGCGGAGCAAAGAGGGTCCCGGAAGCGGCAGGGTC
GGCGTCCAGGAGCGGCTTCGGGGGCTCCGGCGGCGCAGAGGCGGAGCAAGCGGCCCGG
GTCCGGGAGCGGAGGCCCGGGGGGCCCGCGGCAGGATGAGCTTGACCCGAAGGAGCT
CTCGAGCCTGCTGAGCATCATATCGGAGGAGGCGGGCGGCGGAGCACCTTCGAGGGCCT
GTCCACCGCCTTCCACCACTACTTCAGCAAGGCGGACCACTTCCGCCTGGGCTCGGTGCT
CGTCATGCTGCTCCAGCAGCCGACCTGCTGCCTAGCGCGGCGCAGCGCCTCACGGCGCT
CTACCTGCTCTGGGAGATGTACCGCACCGAGCCGCTGGCCGCCAACCCCTTCGCCGCCAG
CTTCGCGCACCTGCTCAACCCCGCGCCGCCCGCCGCGGCGGCGGAGGAACCCGACCGCC
TCCGCTCTCAGGATTTTTACCTCTATAACTCCACCAGAAAAGTTTTTTCTTCCAGCT
GATGCTGGCACCCACGGGAACCTTCAAAAAGACGCCTCGCCAGATTGCACTGATGGA
CGTTGGAACATGGGCCAGTCTGTGGACATTAGTGGGCTTCAGTTAGCCTTGCCCGGACG
CCAATCTGAATTGCCAACACANAGCANAGCGAGCTTCNCAGTATTCTCAGTGACCCAGA
CCCGGNATCTTCTANTNCTGGATNTGACAGCTCAGTTGCCTCTCAGACACAGAAGCTTAG
TCAGCGGACAAAGCCACTAT
```

3' Read Nucleotide Sequence:	>OriGene 3' read for NM_017546 unedited <pre>CCGCTTCTAGATCGAGTTTTTTTTTTTTTTTTTAAACAGTTGATAAAAGAACTTTAATG GAAGGCACTGTTGTCCAAATCACATAAAGGTAAGAGCCACACGGTACCACCCTGCTC TCCTACTTCTCAAACCCACATCCACCACCCAGACAGGAGGGTGCAGACCCACAGGAAAT TACCTCCCGGAGCACTGACTGATTTTTTCCTTAAACAAAAAATGGCTGTCTCAGACT AATAACAGAACATCTTAAGAGAAAAAATACTATACCAGCTATTACAGCCTGGTAAT AGAAGCAGCTTTCTAAGAATCCCAAGTTTATAAGAGGCCCAAGAAATGCATTTATTCTG TTGTCTATTAAAGCCTCCATGACAAGGAGAAAGTTATGAGTAAATCCTTGGTTCATCAAGA GTAAAGAGCTGTGTGCCTCATGAGGAGTTAAGAGCTGTGTGCATAAGCAGGTTCAAGAAA CAAACCTCTGTTTGTAGCCTCTTGATGGTTCAGAAACATTACAGCTGCTTTCACCTCTAG GACAAATGCTTAAGAATTTACTCTCATCAACATTGGAACTTTACGAAAACAGGATTCCTG GTTTCATCAGAAGCCTGTATTAATGAAAAATGCATTTTGTCTTTAGCGCTTAAAAA GAAACTCATCTACTTTTTTGCAGAACTTTTTTGGATAGCCATTCCTTCCTATGGATAGT CATCAGCAAGACACCTAAAAGAATGTTTTCCCTAATCCTATCAAATTCTTCTCACAAAA AAGCCTTTCAGAAAAGCAAACCTTTGCTTAAGGAGAAAAGGACCGTTTATTTGCATAAACC CACCATTCCCTCAGGTTTTACGGGGTATAACTTAATCCACTCATCTGAACACGTATGATG GGAAGGTCTGAAGAGGATTATTTGACCTCTGGCCCAAAAGGGTCCCATATCCATGTCTT AAACCGGAAAGACCCGCTCTCGGTCTCATGATAATAAAAG</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_017546
Insert Size:	2580 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_017546.3</u> , <u>NP_060016.2</u>
RefSeq Size:	2590 bp
RefSeq ORF:	1533 bp
Locus ID:	55571
UniProt ID:	<u>Q9UKZ1</u>
Cytogenetics:	2q11.2

Gene 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. Is required for the association of CNOT10 with the CCR4-NOT complex. Seems not to be required for complex deadenylase function.[UniProtKB/Swiss-Prot Function]