

Product datasheet for **SC322697**

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:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for SC322697
 CGGCGCCAGGGCCCTCGGGCCGGGAAGAGGGGAAGGGGAGCGAGGTTGATGCCCGGCGG
 AGGGGCGAGCGCGGCGTCTGGCCGGCTTCTACCGCCGCGGAGCAAGAGGGTCCCGGA
 AGCGGCAGGGTCGGCGTCCAGGAGCGGCTTCGGGGGCTCCGGCGGCGGAGAGGCGGAGC
 AAGCGGCCCCGGGTCCGGGAGCGGAGGCCCTGGGGGCCCCGCGGCGAGGATGAGCTTGAC
 CCCGAAGGAGCTCTCGAGCCTGCTGAGCATCATATCGGAGGAGGCGGGCGGCGGAGCAGC
 CTTGAGGGCCTGTCCACCGCCTTCCACCACTACTTCAGCAAGGCCGACCACTTCCGCCT
 GGGCTCGGTGCTCGTCATGCTGCTCCAGCAGCCGACCTGCTGCCTAGCGCGGCGCAGCG
 CCTCACGGCGCTCTACCTGCTCTGGGAGATGTACCGCACCGAGCCGCTGGCCGCCAACCC
 CTTGCGCGCCAGCTTCGCGCACCTGCTCAACCCCGCGCGCCCGCCGCGGCGGCGGAGGA
 ACCCGACCGCCCTCCGCTCTCAGGATTTTTACCTCCTATAACTCCACCAGAAAAGTTTTT
 TCTTTCCAGCTGATGCTGGCACCCCAACGGAACCTTCAAAAAGACGCCTCGCCAGAT
 TGCACTGATGGACGTTGAAACATGGGCCAGTCTGTGGACATTAGTGGGCTTCAGTTAGC
 CTTGGCCGAACGCCAATCTGAATTGCCAACGCAAAGCAAAGCGAGCTTCCCCAGTATTCT
 CAGTGACCCAGACCCGGATTCTTCTAATTCTGGATTTGACAGCTCAGTTGCCTCTCAGAT
 CACAGAAGCTTTAGTCAGCGGACCAAAGCCACCTATTGAAAGCCATTTTCGACCAGAGTT
 TATTCGTCCACCGCCTCCACTCCACATTTGTGAGGATGAAGTTGCTTGGCTAAACCCAC
 GGAGCCTGACCACGCGATCCAGTGGGATAAATCGATGTGTGTTAAGAATAGCACTGGTGT
 GGAGATCAAACGAATAATGGCCAAAGCCTTCAAAGGCCCTTATCCTCTCCCCAACAAAC
 ACAGCTACTTGGTGAGTTGAAAAAGACCCCAACTTGTCTACCATATTGGCCTCACCCC
 AGCCAACTTCTGACCTTGTGGAAAAACAACCTTTAGTCGCTATAGAAATGTTGCTGAA
 ATTAATGCAGTCAAGCCAGATCACTGAGTATTTCTGTCTGGTCAATATGGACATGTC
 TTTACATTCAATGGAAGTTGTAATCGACTAACTACAGCTGTTGATCTACCTCCTGAATT
 TATTCACCTTTATATATCAAATTGCATCTCTACTTGTGAACAGATTAAGGATAAATATAT
 GCAGAATCGGTTGGTGCCTCTTGTGTGTGTTTCTCCAATCCTTGATCCGTAACAAAAT
 TATTAATGTACAGGATTTGTTTATAGAAGTGCAGGCATTCTGTATTGAATTCAGTAGGAT
 ACGAGAAGCTGCTGGTCTTTTCCGGTTGTTGAAGACATTGGATACTGGGGAACACCTTC
 TGAGACCGAAATGTCAAATAATACCTCATCAGAACCATCCCATCCATTCACTGTTACGC
 TGTACTGTGATTTAGTTTTTACACCGTTAAAACCTGAGTGGATTGCTTGGTTAATGCA
 TATAAACAGTACTTTATCTACTTAAAGCAAAGTTTGTCTTCTGAATGACTTTTTCTGT
 GAGATGAATTTTTGATAAGAACTAGGGAACATGTCTTTTAGGTGTCTTGCTGATGACT
 ATCCATAGGAGGAATGGCTATCCCAAAAAAGTTCCGCAAAAAAGTAGATGAGTTTCTTT
 TTTTTTAAAGCACTAAAGAACAAAATGCATTTTTCATTAATACAGGCTTCTGATGAACCA
 GGAATCCTGTTTTCGTAAAGTTCCAATGTTGATGAGAGTAAATCTTAAGCATTGTCTCT
 AGAGGTGAAAGCAGCTGAATGTTTCTGAACCATCAAGAGGCAACAAACAGGAGTTTGT
 TCTTGAACCTGCTTATGCACACAGCTCTTAACCTCTCATGAGGCACACAGCTCTTAACCT
 CTGATGAACCAAGGATTTACTCATACTTTCTCCTTGTCTGAGGCTTAATAGACAACA
 GAATAAATGCATTTCTTGGGCTCTTATAAACTTGGGAATCTTAGAAAGCTGCTCTAT
 TACCAGGCTGTAATAGCTGGTATAGTTTTTTTTTTTTCTCTTAAGATGTTCTGTTATTA
 GTCTGAGACAGCCATTTTTTTGTTTTAAGGAAAAATATCAGTCAGTGCTCCGGGAGGTAA
 TTTCTGTGGGTCTGCACCTCTGTCTGGTGGTGGATGTGGGTTTGAGAAAGTAGGAG
 AGCAGGCTGGTACCGTGTGGCTCTTACCCTTTATGTGATTTTGGACAACAGTGCCTTCC
 ATTAAGTTCTTTTATCAACTGTAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
 AA
 AAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_017546

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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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]