

Product datasheet for MC224735

Cic (NM_001110131) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cic (NM_001110131) Mouse Untagged Clone
Tag: Tag Free
Symbol: Cic
Synonyms: 1200010B10Rik; mKIAA0306
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC224735 representing NM_001110131
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGTACTCGGCCACAGGCCCTGATACCCGGCTCTGGCGGGCCTCTCGTGGCCTGGCATGTTCTGTG
 GGACAAATGTGCAACCTCGTTCTGTGGCTGTGTTCCCTGGCACTCCTTAGTCCCCTTCTGGCACCCAG
 CCAGCCCAGCCCCTGTGTCAGCCTAGTGAGGCCAGCAACCTGCCAGCCACCCTGTGGCCTCCAACCAG
 AGCAAAGAACCTGCTGAGTCTGCTGCTGTGCTCATGAGCAGCCACCAGGAGGGACGGGGGTGCTGACC
 CTGGACGGCCCCCTGGAGCAGTGTGCCCTGAGAGCCCAGGGCCTGGACCTCCACTTACTTTGGGTGGTGT
 GGATCCTGGTAAAAGTCTCCCCCACCCTGAGGAGGAGGCTCCTGGCCCTCCAGGAGAGCCCCGGCTG
 GACAGTGAGACCGAGAGTGATCATGATGATGCCTTCTCTCCATCATGTCTCCTGAGATTCAGTTGCCTC
 TGCCACCTGAAAAGCGCCGACCCAGTCTCTGAGTGCCTTGCCCAAGGAACGAGACTCATCTTGTAAAA
 GGATGGACGAAGTCTTAAACAGCGGGAGAAGGACCATATTCGTCGGCCCATGAATGCCTTCATGATCTTC
 AGCAAGCGGCACCGGGCCTTGGTCCACCAGCGGCACCCCAACCAGGACAACCGGACTGTCAGCAAGATCC
 TGGCGAGTGGTGTACGCCCTGGGGCCAAAGAGAAGCAGAAATACCACGACCTGGCCTCCAGGTGAA
 AGAGGCCCACTTCAAGGCCACCCAGATTGAAAATGGTGAACAAGGACCGAAAGAAAGTCCAGCTCAGAG
 GCCAAGCCTGCGAGCCTGGGTCTGGCAGGAGGGACAAGGAGACGCGGGAACGGAGCATGTCGGAGACGG
 GAACTGCTGCTGCCCTGGGGTGTCTTCTGAGCTCCTGTCTGTTGCTGCCAGACACTTTTGAGCTCGGA
 CACCAAGGTTCCAGGGAGTGGCCCTGTGGAGCAGAACGGCTACACGCAGTTGGGGCACCTGGCTCAGCC
 CGACCCAGAGCCTTCTCCACAGTGGGGTGCACAGTCTTGATGGTGGGAAAGTAGACAGCCAAGCACTTC
 AAGAACTGACCCAGATGGTTTCTGGCCCCGATCATACTCCGGCCCAAAGCCTTCCCCCAGTATGGTGC
 TCCAGGATCTTTTGCAGCTCCTGGTGAAGGAGTACCTTGCCACTAGTGGCGGCCTCCACTGTTGCC
 TCCGAGCCTCTGTTCCAGCGTGCAGCCAGTGAAGACATGACCAGTGTGAGGAGCGGATGGTATCT
 GTGAGGAAGAAGGGATGATGATGTCATTGCTGATGACAGCTTTGGCACCACCGACATTGATCTCAAGTG
 CAAGGAACGAGTGACTGACAGTGAAGTGGAGACAGCTCTGGGGAGGACCCAGAGGGTAAACAGGGCTTT
 GGCCGTAAGGTGTTCTCACCTGTCTCCCTCTCTTTACCCATTGCCGTCACACCCTGGACCTGAGC



CTCCAGGGCCCCGGATCCACCTGCAGCCTTCAGCAAAGGCTACGGTCCCACCCCATCATCCTCCTTC
 ACCTGTTCCACCTCAGTCTCAGTCTCCACCTCTTTTCACTGGGCTCTGGAACCTTTAAGACCCAGGAG
 TCTGGTCAGGGCAGCACAGCGGTGCCACTACGGCCCCACCCCTGGAGCCGGGGGCCAGCAACACCTT
 CCAAGGCCACTCGGTTTCTCCTACGGATTCTGCCACCTTTGGCGCAAGAGACCTGAAAGTGTTGGTAG
 CCTTGAAGCACCAGGCCCTCTGTCAATTGCAGCACCTCCCAGTGGGGGAGGAAACCTTCTGCAGACTG
 GTTCTGCCTCCGAGCAAGGAGGATCGGGAGGGTACACGAGTGCCTCAGCCCCAGCCCCACCCTGGCTT
 ATGGGGTCCCCGAGCCCTCTGTGCCGCCCTGCTGCCACCATGGTCACCAATGTGGTACGGCTGTCAG
 CAGCACTCCTGTGCCATTGCTCTAAGCCCTTCCACCTCTGGTGGGCTGAGGCATCTTCAAATGAC
 ATAGCAGGTGCCAGGACTGAAATGGGCACAGGATCCCAGGTGCCTGGGGCTCCCCAATGGTGTAGTT
 TAGTGTATTAGATAAGAAGTCAGCAGCAGCAGCCACCTCGCCAGCTCCACATTTGGTAGCTGGACCTTT
 ATTGGGACTGTGGGAAGGCACCTGCTACTGTCACTCACTTGGTGGTAGGCACCCAGGCTATGGGGCT
 CCTGCATCGCTGCTGTTAGTTTATTGCCAGGGAGCCCCAGGCAGTCAACCCCTGCAGGCTCAGGAG
 CAAGTACTGGGAGTGGCCCAATGGGCCAGTACCCTGGGCATCTGCAGCCAGGTGCCCTAGGCAAGGC
 TGGGGGAATCACACAGGTGCAGTACATCCTGCCACACTGCCCCAGCAGCTTCAAGTGGCACCTGCCCA
 GCACCAGCCCCTGGGACCAAGGCAGCAGCTCCCAGTGGCCCTGCACCCACCACCAGCATCGGTTTACCC
 TCCTCCGGGCACCTCGACCAACGGCAAGTCCCTGGCTGCCACTGCACCCACTGTGGCATCCCTATCCT
 GCAGTCCGTACCCTCAGCCCCACCCCTAAAGCCAGTCAGTTTCTCCTGTCCAGGCCACACCTCAGGT
 GGCTCAGCCCAGCTGCTGCCTGGGAAGGTGCTAGTCCCCCTGGCTGCCCTAGCATGTAGTTCCAGGTG
 GAGGGGCTGGTCAGCCACTGCCCTGGTTAGCTCGCTTCTCAGTACCTGTCCAAAATGGTGCCCAACA
 ACCTAGCAAGATTATCCAGCTGACTCCTGTGCCTGTGAGCACACCTAGTGGCCTGGTACCACCCCTGAGC
 CCAGCTACAATGCCGGGACCCACATCACAGCCTCAGAAGTCTGTTGCCCTCTTCCACAAGAATCACCT
 ATGTACAGTCAGCAGGTGGGCACACTGTGCCTTAGGCACCACTTCTGCATGCAGTCAGACTGGAACAGT
 GACCTCATATGGGCCACCAGCTCTGTAGCTCTGGGCTTACATCTTTGGGGCCAGTGGCTCGCTTTT
 GTACAGCCTCTGCTCTCAGGCCAAGTCCCTTGTGGTCTGGCCAGGTGGGCGTGTCACTGTGCCTA
 GTCCCCAGTTGCCTCCTGCCTGTACAGCCTCTGGAGTCTGTATAACAGCATTTTACCCTGGCAGCCC
 TGCACCCACTTACGACCCCTGGGCCACCTTCCCAAGCTCCGCCAAGCCTGGTCTACACTGTAGCCACC
 AGTACCCTCCACCTGCTGCTACCATTCTGCCAAGGGCCACCAGCCTCTGCCACTGCCACTCCAGCCC
 CTACTAGTCTTTCCCTAGCGCCACAGGCTCCATGACCTACAGCTTAGTGGCTCCCAAAGCTCAGCGACC
 CAGCCCAAAGCTCCCCAGAAAGTAAAGGCAGCCATTGCCAGCATTCTGTGGGGTCTTTGAATCGGGT
 ACTACTGGGCGGCTGGATCTACACCCGACAGTCTTACAGCTCTGGCGTAGCCAGAGAGCTGCTGCC
 CAGAATCAGAACTTGAGGGGCAGCCACACCCCGAGTCCCCACCCCCACAGAGACTGGCCTCCAC
 TGCCCGGAGCAGTCCCCACCCCTTGCCTGCTGAGGAGCGACCTGGCACTAAAGGCCCTGAGACTGCC
 AGCAAATTCGCCAGCTCATCTTACAGACTGGCGAGTTCTGGGCTGGGCTGGAGAGTCTGGGGAGCCTC
 CTACCCCTCCCAGCCAGCTCCAGCCACAGGCCCCAGTGGAAAGCAGCAGTGGCAGCAGCGAGGGCAGTAG
 TGGGAGGGCAGCTGGGGACACCCGAGCGCAAGGAAGTCACTAGTTCTGGCAAGAAGATGAAGGTGCGG
 CCCCCACCCCTGAAGAAGACCTTGGACTCTGTGGACAAGTCTGTGAGAAGTGGACTTTGAAGAGCGGT
 TTGCTGAGCTGCCGGAGTTAGACCAGAGGAGGTGCTGCCCTCACCCACCTGCAGTCTCTGGCCACCTC
 GCCTCGGGCTATCCTCGGCTCTACCGAAAGAAGAGGAAGAAATCCACGGACCTAGACTCAGCAGCTGAA
 GATCCCACCTCACCAAGCGCAAGATGAGGAGACGTTTCGAGCTGCAGCTCAGAGCCCAACACCCCAAGA
 GTGCCAAGTGCGAGGGGGACATCTTACCTTTGACCGCACAGGTAAGTACTGAGACAGAGGATGTGCTCGGGGA
 GCTGGAGTATGAGAAGGTGCCCTACTCATCACTGCGGCGCACCCCTGGACCAACGGCGGGCCCTGGTCATG
 CAGCTCTTCCAGGACCATGGCTTCTTCCATCAGCCAGGCCACAGCAGCCTTCCAGGCCGCTACGCGAG
 ACATCTTCCCATCCAAGGTGTGCTGCAATTAAGATCCGAGAGGTCCGCCAGAAGATCATGCAGGCAGC
 CACTCCCACAGAGCAGCCCCCTGGGGCTGAAGCCCCCTCCCTGGACCACCCCTACTGGCATGGCTGCT
 ACTCCTGTCCCCACTCCCAGCCCTGCTGGGGCCCTGACCCACCTCTCCAGGCTCGGACTCTGGCACTG
 CCCAAGTTGCCCGCCACTGCCTCCACCCCGAGCCTGGGCTGGACAGCCTGGCTGGGAGGGGCTCC
 CCAGCCCTCACCACTCCCTCTGGCCCTCCACAGCTGCCACAGGCAGGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:	NM_001110131
Insert Size:	4812 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:	<ol style="list-style-type: none">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_001110131.1</u> , <u>NP_001103601.1</u>
RefSeq Size:	6101 bp
RefSeq ORF:	4812 bp
Locus ID:	71722
Cytogenetics:	7 A3
Gene Summary:	Transcriptional repressor which plays a role in development of the central nervous system (CNS) (PubMed:17190598). In concert with ATXN1 and ATXN1L, involved in brain development (PubMed:28288114).[UniProtKB/Swiss-Prot Function]