

Product datasheet for MC224742

Cic (NM_001110132) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cic (NM_001110132) 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: >MC224742 representing NM_001110132
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGTACTCGGCCACAGGCCCTGATACCCGGTCTGGCGGGCCTCTCGTGGCCTGGCATGTTCTGTG
 GGACAAATGTGCAACCTCGTTCTGTGGCTGTGTTCCCTGGCACTCCTTAGTCCCCTTCTGGCACCCAG
 CCAGCCCAGCCCCTGTGTCAGCCTAGTGAGGCCAGCAACCTGCCAGCCACCCTGTGGCCTCCAACCAG
 AGCAAAGAACCTGCTGAGTCTGCTGCTGTGCTCATGAGCAGCCACCAGGAGGGACGGGGGTGCTGACC
 CTGGACGGCCCCCTGGAGCAGTGTGCCCTGAGAGCCCAGGGCCTGGACCTCCACTTACTTTGGGTGGTGT
 GGATCCTGGTAAAAGTCTCCCCCACCCTGAGGAGGAGGCTCCTGGCCCTCCAGGAGAGCCCCGGCTG
 GACAGTGAGACCAGAGTGATCATGATGATGCCTTCTCTCCATCATGTCTCCTGAGATTCAGTTGCCTC
 TGCCACCTGAAAAGCGCCGCACCCAGTCTCTGAGTGCCTTGCCCAAGGAACGAGACTCATCTTGAAAA
 GGATGGACGAAGTCTTAAACAGCGGGAGAAGGACCATAATTCGTCGGCCCATGAATGCCTTCATGATCTTC
 AGCAAGCGGCACCGGGCCTTGGTCCACCAGCGGCACCCCAACCAGGACAACCGGACTGTCAGCAAGATCC
 TGGCGAGTGGTGTACGCCCTGGGGCCAAAGAGAAGCAGAAATACCACGACCTGGCCTCCAGGTGAA
 AGAGGCCCACTTCAAGGCCACCCAGATTGAAAATGGTGAACAAGGACCGAAAGAAGTCCAGCTCAGAG
 GCCAAGCCTGCGAGCCTGGGTCTGGCAGGAGGGACAAGGAGACGCGGGAACGGAGCATGTCGGAGACGG
 GAACTGCTGCTGCCCTGGGGTGTCTTCTGAGCTCCTGTCTGTTGCTGCCAGACACTTTTGAGCTCGGA
 CACCAAGGTTCCAGGGAGTGGCCCTGTGGAGCAGAACGGCTACACGCAGTTGGGGCACCTGGCTCAGCC
 CGACCCAGAGCCTTCTCCACAGTGGGGTGCACAGTCTTGATGGTGGGAAGTAGACAGCCAAGCACTTC
 AAGAACTGACCCAGATGGTTTCTGGCCCCGATCATACTCCGGCCCAAAGCCTTCCCCCAGTATGGTGC
 TCCAGGATCTTTTGCAGCTCCTGGTGAAGGAGTACCTTGCCACTAGTGGCGGCCTCCACTGTTGCC
 TCCGAGCCTCTGTTCCAGCGTGCAGCCAGTGAAGACATGACCAGTGTGAGGAGCGGATGGTATCT
 GTGAGGAAGAAGGGATGATGATGTCATTGCTGATGACAGCTTTGGCACCACCGACATTGATCTCAAGTG
 CAAGGAACGAGTGACTGACAGTGAAGTGGAGACAGCTCTGGGGAGGACCCAGAGGGTAACAAGGGCTTT
 GGCCGTAAGGTGTTCTCACCTGTCTCCCTCTCTTTACCCATTGCCGTCACACCCTGGACCTGAGC



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CTCCAGGGCCCCGGATCCACCTGCAGCCTTCAGCAAAGGCTACGGTCCCACCCCATCATCCTCCTTC
 ACCTGTTCCACCTCAGTCTCAGTCTCCACCTCTTTTCACTGGGCTCTGGAACCTTTAAGACCCAGGAG
 TCTGGTCAGGGCAGCACAGCGGTGCCACTACGGCCCCACCCCTGGAGCCGGGGGCCAGCAACACCTT
 CCAAGGCCACTCGGTTTCTCCTACGGATTCTGCCACCTTTGGCGCAAGAGACCTGAAAGTGTTGGTAG
 CCTTGAAGCACCAGGCCCTCTGTCAATTGCAGCACCTCCCAGTGGGGGAGGAAACCTTCTGCAGACTG
 GTTCTGCCTCCGAGCAAGGAGGATCGGGAGGGTACACGAGTGCCTCAGCCCCAGCCCCACCCTGGCTT
 ATGGGGTCCCAGCCCCCTCTGTGCCGCCCTGCTGCCACCATGGTACCAATGTGGTACGGCCTGTCAG
 CAGCACTCCTGTGCCATTGCTCTAAGCCCTTTCCACCTCTGGTGGGCTGAGGCATCTTCAAATGAC
 ATAGCAGGTGCCAGGACTGAAATGGGCACAGGATCCCAGGTGCCTGGGGCTCCCCAATGGTGTAGTT
 TAGTGTATTAGATAAGAAGTCAGCAGCAGCAGCCACCTCGCCAGCTCCACATTTGGTAGCTGGACCTTT
 ATTGGGACTGTGGGAAGGCACCTGCTACTGTCACTCACTTGGTGGTAGGCACCCAGGCTATGGGGCT
 CCTGCATCGCTGCTGTTCAAGTTATTGCCAGGGAGCCCCAGGCAGTGCACCCCTGCAGGCTCAGGAG
 CAAGTACTGGGAGTGGCCCCAATGGGCCAGTACCCTGGGCATCTGCAGCCAGGTGCCCTAGGCAAGGC
 TGGGGGAATCACACAGGTGCAGTACATCCTGCCACACTGCCCCAGCAGTTCAAGTGGCACCTGCCCA
 GCACCAGCCCCTGGGACCAAGGCAGCAGCTCCCAGTGGCCTGCACCCACCACCAGCATCCGTTTACCC
 TCCTCCGGGCACCTCGACCAACGGCAAGTCTGGCTGCCACTGCACCCACTGTGGCATCCCTATCCT
 GCAGTCCGTACCCTCAGCCCCACCCCTAAAGCCAGTCAGTTTCTCCTGTCCAGGCCACACCTCAGGT
 GGCTCAGCCCAGCTGCTGCCTGGGAAGGTGCTAGTCCCCCTGGCTGCCCTAGCATGTAGTTCCAGGTG
 GAGGGGCTGGTCAGCCACTGCCCTGGTTAGCTCGCTTTCTCAGTACCTGTCCAAAATGGTGCCAACA
 ACCTAGCAAGATTATCCAGCTGACTCCTGTGCCTGTGAGCACACCTAGTGGCCTGGTACCACCCCTGAGC
 CCAGCTACAATGCCGGGACCCACATCACAGCCTCAGAAGTCTGTTGCCCTCTTCCACAAGAATCACCT
 ATGTACAGTCAGCAGGTGGGCACACTCTGCCTTAGGCACCACTTCTGCATGCAGTCAGACTGGAACAGT
 GACCTCATATGGGCCACCAGCTCTGTAGCTCTGGGCTTACATCTTTGGGGCCAGTGGTCTGCCTTT
 GTACAGCCTCTGCTCTCAGCAGGCCAAGCTCCTTTGCTGGCTCCTGGCCAGGTGGGCGTGCACCTGTGC
 CTAGTCCCAGTTGCCTCCTGCCTGTACAGCCTCTGGAGGTCTGTACATAACAGCATTTTACCCTGGCAG
 CCCTGCACCCACTTCAGCACCCCTGGGCCACCTTCCCAAGCTCCGCCAAGCCTGGTCTACACTGTAGCC
 ACCAGTACCCTCCACCTGCTGTACCATTCTGCCAAGGGCCACCAGCCTCTGCCACTGCCACTCCAG
 CCCCTACTAGTCTTTCCCTAGCGCCACAGGCTCCATGACCTACAGTTAGTGGTCCCAAAGCTCAGCG
 ACCCAGCCAAAAGCTCCCAGAAAAGTAAAGGCAGCCATTGCCAGCATTCTGTGGGTCTTTTGAATCG
 GGTACTACTGGGCGCCTGGATCTACACCCCGACAGTCTTACAGCTCTGGCGTAGCCAGAGAGCCTGCTG
 CCCAGAATCAGAACTTGAGGGGACGCCACACCCCCAGTCCCCACCCCCACAGAGACTGGCTCC
 CACTGCCCGGAGCAGTCCCCACCCCTTGCCTGCTGAGGAGGACCTGGCACTAAAGGCCTGAGACT
 GCCAGCAAATTTCCCAGCTCATCTTACAGCTGGCGAGTTCTGGGCTGGGCTGGAGAGTCGTGGGGAGC
 CTCTACCCCTCCCAGCCAGCTCCAGCCACAGGCCCCAGTGGAAAGCAGCAGTGGCAGCAGCGAGGGCAG
 TAGTGGGAGGGCAGCTGGGGACACCCGAGCGCAAGGAAGTCACTAGTTCTGGCAAGAAGATGAAGGTG
 CGGCCCCACCCCTGAAGAAGACCTTTGACTCTGTGGACAAGGTCTGTGAGAAGTGGACTTTGAAGAGC
 GGTTTGTGAGCTGCCGGAGTTTAGACCAGAGGAGGTGCTGCCCTACCCACCCTGCAGTCTCTGGCCAC
 CTCGCCTCGGGCTATCCTCGCTCCTACCGAAAAGAGGAAGAATTCCACGGACCTAGACTCAGCACCT
 GAAGATCCCACCTCACCAAGCGCAAGATGAGGAGACGTTTCGAGCTGCAGCTCAGAGCCCAACCCCA
 AGAGTGCCAAGTGCAGGGGGACATCTTACCTTTGACCGCACAGGTACTGAGACAGAGGATGTGCTCGG
 GGAGCTGGAGTATGAGAAGGTGCCCTACTCATCTGCGGCGCACCCCTGGACCAACGCGGGCCCTGGTC
 ATGCAGCTCTTCCAGGACCATGGCTTCTTCCCATCAGCCAGGCCACAGCAGCCTTCCAGGCCCGTACG
 CAGACATCTTCCATCCAAGGTGTGTGCAATTAAGATCCGAGAGGTCCGCCAGAAGATCATGCAGGC
 AGCCACTCCCACAGAGCAGCCCCCTGGGGCTGAAGCCCCCTCCCTGGACCACCCCTACTGGCATGGCT
 GCTACTCTGTCCCCTCCCAGCCCTGCTGGGGCCCTGACCCACCTCTCCAGGCTCGGACTCTGGCA
 CTGCCAAAGTTGCCCGCCACTGCCTCCACCCCCAGAGCCTGGGCTGGACAGCCTGGCTGGGAGGGGGC
 TCCCCAGCCCTACCACCTCCCTCTGGCCCTTCCACAGCTGCCACAGGCAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:	NM_001110132
Insert Size:	4815 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_001110132.1</u> , <u>NP_001103602.1</u>
RefSeq Size:	6104 bp
RefSeq ORF:	4815 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]