

Product datasheet for MC224743

Cic (NM_027882) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cic (NM_027882) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cic
Synonyms:	1200010B10Rik; mKIAA0306
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC224743 representing NM_027882 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTA**CTCGGCCACAGGCCCTGATACCCGCGTCTGGCGGGCCTCTCGTGGCCTCGGCATGTTCTGTG**
GGACAAATGT**CGAACCTCGTTCTGTGGCTGTGTTCCCTGGCACTCCTTAGTCCCCTTCTGGCACCCAG**
CCAGCCC**GACCCCTCTGTGCAGCCTAGTGAGGCCAGCAACCTGCCAGCCACCCTGTGGCCTCAACCAG**
AGCAAAGA**ACCTGCTGAGTCTGTGCTGTTGCTCATGAGCAGCCACCAGGAGGGACGGGGGTGCTGACC**
CTGGAC**GGCCCCCTGGAGCAGTGTGCCCTGAGAGCCCAGGGCCTGGACCTCCACTTACTTTGGGTGGTGT**
GGATCCTGGTAA**AGTCTCCCCCACCCTGAGGAGGAGCTCCTGGCCCTCCAGGAGACCCCGGCTG**
GACAGT**GAGACCGAGAGTGATCATGATGATGCCTTCTCTCCATCATGTCTCCTGAGATTCAATTGCCTC**
TGCCAC**CTGAAAAGCGCCGACCCAGTCTCTGAGTGCCTTGCCCAAGGAACGAGACTCATCTTGAAAA**
GGATGGAC**GAAAGTCTAACAAGCGGGAGAAGGACCATAATCGTCGGCCCATGAATGCCTTCATGATCTTC**
AGCAAG**CGGCACCGGGCCTTGTTCCACCAGCGGCACCCCAACCAGGACAACCGGACTGTCAGCAAGATCC**
TGGGCG**AGTGGTGGTACGCCCTGGGGCCAAAGAGAAGCAGAAATACCACGACCTGGCCTCCAGGTGAA**
AGAGG**CCCACTTCAAGGCCACCCAGATTGAAATGGTGAACAAGGACCGAAAGAAGTCCAGCTCAGAG**
GCCAAG**CCTGCGAGCCTGGGTCTGGCAGGAGGGCACAAGGAGACCGGGAACGGAGCATGTCGGAGACGG**
GAACT**GCTGCTGCCCTGGGGTGTCTTCTGAGCTCCTGTCTGTTGCTGCCAGACACTTTTGAGCTCGGA**
CACCA**AGTTCCAGGGAGTGGCCCTGTGGAGCAGAACGGCTACACGCAGTTGGGGCACCTGGCTCAGCC**
CGAC**CCAGAGCCTTCTCCACAGTGGGGTGCACAGTCTTGATGGTGGGGAAGTAGACAGCCAAGCACTTC**
AAGAA**CTGACCCAGATGGTTTCTGGCCCCGCATCATACTCCGGCCCAAAGCCTTCCCCCAGTATGGTGC**
TCCAG**GATCTTTTGCAGCTCCTGGTGAAGGAGGTACCTTGCCCACTAGTGGGCGGCTCCACTGTTGCC**
TCCG**GAGCCTCTCGTCCAGCGTGCAGCCAGTGAGGACATGACCAGTATGAGGAGCGGATGGTATCT**
GTGAG**GAAGAAGGGGATGATGATGTCATTGCTGATGACAGCTTTGGCACCACCGACATTGATCTCAAGT**
CAAG**GAACGAGTACTGACAGTAAAGTGGAGACAGCTCTGGGGAGGACCAGAGGGTAAACAGGGCTTT**



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GGCCGTAAGGTGTTCTCACCTGTACATCCGCTCCTCCTTTACCCATTGCCGTCCAACCCTGGACCCTGAGC
 CTCCAGGGCCCCGGATCCACCTGCAGCCTTCAGCAAAGGCTACGGTCCCACCCCATCATCTCCTCTTC
 ACCTGTTCCACCTCAGTCTCAGTCTCCACCTCCTTTTACTGGGCTCTGGAACCTTTAAGACCCAGGAG
 TCTGGTCAGGGCAGCACAGCGGTGCCACTACGGCCCCACCCCTGGAGCCGGGGGCCAGCAACACCTT
 CCAAGGCCACTCGGTTTCTCCTACGGATTCTGCCACCTTTGGCGCAAGAGACCTGAAAGTGTGGTAG
 GTTTGAAGCACCAGGCCCTCTGTCAATTGCAGCACCTCCAGTGGGGGAGGAAACCTTCTGCAGACACTG
 TTTGCCTCCGAGCAAGGAGGATCGGGAGGGTACACGAGTGCCTCAGCCCCAGCCCCACCACTGGCTT
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 CAGCACTCCTGTGCCATTGCCTCTAAGCCCTTTCCACCTCTGGTCGGGCTGAGGCATCTTCAAATGAC
 ATAGCAGGTGCCAGGACTGAAATGGGCACAGGATCCCAGGTGCCTGGGGCTCCCCAATGGGTGTAGTT
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 ATTGGGCACTGTGGGAAGGCACCTGCTACTGTCACCAACTTGTGGTAGGCACCCAGGCTATGGGGCT
 CCTGCATCGCTGCTGTTAGTTATTGCCAGGGAGCCCCAGGAGTGAACCCCTGCAGGCTCAGGAG
 CAAGTACTGGGAGTGGCCCAATGGGCCAGTACCCTGGGCATCTGCAGCCAGGTGCCCTAGGCAAGGC
 TGGGGGAATCACACAGGTGCAGTACATCTGCCACACTGCCCCAGCAGTTCAAGTGGCACCTGCCCA
 GCACCAGCCCTGGGACCAAGGCAGCAGTCCAGTGGCCCTGCACCCACCACCAGCATCCGTTTACCC
 TCCTCCGGGCACCTCGACCAACGGCAAGTCTGGCTGCCACTGCACCCACTGTGGCATCCCTATCCT
 GCAGTCCGTACCCTCAGCCCCACCCCTAAAGCCAGTCAGTTTCTCCTGTCCAGGCCACACCTCAGGT
 GGCTCAGCCCAGCTGCTGCCTGGGAAGGTGCTAGTCCCCCTGGCTGCCCTAGCATGTAGTTCCAGGTG
 GAGGGGCTGGTCAGCCACTGCCCTGGTTAGCTCGCCTTCTCAGTACCTGTCCAAAATGGTGCCCAACA
 ACCTAGCAAGATTATCCAGCTGACTCCTGTGCCTGTGAGCACACCTAGTGGCCTGGTACCACCCCTGAGC
 CCAGTACAATGCCGGGACCCACATCACAGCCTCAGAAGTCTGTTGCCCTTTCACACAAGAATCACT
 ATGTACAGTCAGCAGGTGGGCACACTGCTCCTTAGGCACCACTTCTGCATGCAGTCAGCTGGAACAGT
 GACCTCATATGGGCCACCAGCTCTGTAGCTCTGGGCTTACATCTTTGGGGCCAGTGGTCTGCCTTT
 GTACAGCCTCTGCTCTCAGGCCAAGCTCCTTTGCTGGCTCCTGGCCAGGTGGGCGTGTACCTGTGCCTA
 GTCCCCAGTTGCCTCCTGCCTGTACAGCCTCTGGAGTCTGTATAACAGCATTTTACCCTGGCAGCCC
 TGCACCCACTTACGACCCCTGGGCCACCTTCCCAAGCTCCGCCAAGCCTGGTCTACACTGTAGCCACC
 AGTACCCTCCACCTGCTGCTACCATTCTGCCAAGGGGCCACCAGCCTCTGCCACTGCCACTCCAGCCC
 CTACTAGTCTTTCCCTAGCGCCACAGGCTCCATGACCTACAGCTTAGTGGCTCCCAAAGCTCAGCGACC
 CAGCCAAAAGCTCCCCAGAAAGTAAAGGCAGCCATTGCCAGCATTCTGTGGGGTCTTTGAATCGGGT
 ACTACTGGGCGGCTGGATCTACACCCGACAGTCTTACAGCTCTGGCGTAGCCAGAGAGCTGCTGCC
 CAGAATCAGAACTTGAGGGGAGCCACACCCCAAGCTCCCCACCCCAACAGAGACCTGGCCTCCAC
 TGCCCGGAGCAGTCCCCACCCCTTGCCTGCTGAGGAGCGACCTGGCACTAAAGGCCCTGAGACTGCC
 AGCAAAATCCCCAGCTCATCTTACAGCTGGCGAGTTCTGGGCTGGGCTGGAGAGTCTGGGGAGCCTC
 CTACCCCTCCCAGCCAGCTCCAGCCACAGGCCCAAGTGAAGCAGCAGTGGCAGCAGCGAGGGCAGTAG
 TGGGAGGGCAGCTGGGGACACCCGAGCGCAAGGAAGTCACTAGTTCTGGCAAGAAGATGAAGGTGCGG
 CCCCCACCCCTGAAGAAGACCTTTGACTCTGTGGACAACAGGGTCTGTGAGAAGTGGACTTTGAAGAGC
 GGTTTGTGAGCTGCCGGAGTTTAGACCAGAGGAGGTGCTGCCCTACCCACCCCTGCAGTCTCTGGCCAC
 CTCGCCTCGGGCTATCCTCGGCTCCTACCGAAAGAAGAGGAAGAATTCCACGGACCTAGACTCAGCACCT
 GAAGATCCACCTCACCCAAGCGCAAGATGAGGAGACGTTTCGAGCTGCAGCTCAGAGCCCAACACCCCA
 AGAGTGCCAAGTGCAGGGGGACATCTTACCTTTGACCCACAGGTAAGTGCAGACAGAGGATGTGCTCGG
 GGAGCTGGAGTATGAGAAGGTGCCCTACTCATCTGCGGCGCACCCCTGGACCAACGGCGGGCCTGGTC
 ATGCAGCTCTTCCAGGACCATGGCTTCTCCATCAGCCAGGCCACAGCAGCCTTCCAGGCCCGCTACG
 CAGACATCTTCCATCCAAGGTGTGTGCAATTAAGATCCGAGAGGTCCGCCAGAAGATCATGCAGGC
 AGCCACTCCACAGAGCAGCCCCCTGGGCTGAAGCCCCCTCCCTGGACCACCCCTACTGGCATGGCT
 GCTACTCTGTCCCCTCCAGCCCTGCTGGGGCCCTGACCCACCTCTCCAGGCTCGGACTCTGGCA
 CTGCCCAAGTTGCCCGCCACTGCCTCCACCCCAAGAGCTGGGCTGGCAGCCTGGCTGGGAGGGGG
 TCCCCAGCCCTACCACCTCCCTCTGGCCCTTCCACAGCTGCCACAGGCAGGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms:	https://cdn.origene.com/chromatograms/ja1521_d04.zip
Restriction Sites:	Sgfl-Mlul
ACCN:	NM_027882
Insert Size:	4815 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p>
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:	NM_027882.3 , NP_082158.2
RefSeq Size:	6104 bp
RefSeq ORF:	4815 bp
Locus ID:	71722
UniProt ID:	Q924A2
Cytogenetics:	7 A3
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) encodes the shorter isoform (CIC-S, PMID: 17190598).</p>