

Product datasheet for **MC202003**

Cnot9 (NM_021383) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cnot9 (NM_021383) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cnot9
Synonyms:	2610007F23Rik; AI593551; F110; Rqcd1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC051948 sequence for NM_021383
 AGAACATACTTTGAGATTATTTGCTAGGCCGAGGTCCGGGAGGCGGGAAAGGGCTGGGTGGGCGGAGGGT
 CAGAGGTGAGAGGTCAAAGGCCCGCAAGGGGGCGGAGCGAGGCGGAGGCGGATGGCGGCACTTCATCTT
 GGGCATCAGAGCCGCTGAAGCTGGGACGCGGGTCCGGTGCCTCCGGCGGAGGAGGAGTGCGGCGGCCGC
 TCCAAACATGCACAGCCTGGCAACGGCAGCGCCTGTGCCTACTGCACTAGCCCAAGTGGACAGAGAGAAG
 ATCTATCAGTGGATCAATGAACTGTCCAGTCTGAGACAAGGGAAAATGCTTTGTTGGAGCTGAGCAAGA
 AGAGAGAGTCTGTCCCTGACCTTGACCCATGCTATGGCATTCACTTTGGTACTATTGCAGCACTGTTACA
 GGAAATTGTAAATATTTATCCATCTATCAACCCCAACCTTGACAGCACACCAGTCTAACAGAGTTTGC
 AATGCTTTAGCATTGCTGCACTGTGTGGCTCACACCCGAGACCAGGTAGCTTTTCTGCGAGCACACA
 TCCCACTCTTTTGTACCCCTTTTGCACACAGTCAGCAAACTCGTCCCTTTGAATATCTTCGGCTCAC
 CAGCCTTGGAGTATTGGGGCTTGGTTAAAACAGATGAGCAAGAAGTAATCAACTTTTTATTGACCACA
 GAGATCATCCCTCTGTGTCTGCGCATCATGGAGTCTGGAAGTGAAGTCTCTAAAACGGTTGCCACATTCA
 TACTCCAGAAGATCCTCTGGATGACACTGGTTTAGCTTATATATGTCAGACATATGAGCGTTTTTCCCA
 TGTTGCCATGATCTTGGTAAAATGGTCTGCAGCTATCCAAAGAACCGTCAGCCCGTCTGCTGAAGCAC
 GTAGTAAGATGTTACCTTCGACTCTCAGATAATCCAGGGCACGTGAAGCACTCAGACAGTCCCTCCCTG
 ACCAGCTGAAGGACACAACCTTTGCCAGGTGCTAAAAGACGACACCACCACGAAACGCTGGCTTGACACA
 ACTGGTGAAGAACCTGCAAGAGGGCCAGGTACCAGATCCCGGGGGATTCCCTGCCCCCTCAGTATCC
 TCGTTCCCTCTCACTGCTCCCTTTGCTGGGGAGTGAGGGTGAACCTATGAGGAAAACAGCTCAGGTTT
 TATTGCTGGGAATAGACAACCTCAGTGTGAAGTGTACTGGAGAAAAGGGCAAGGTACCCGCTGAGGTG
 TGTGGGCTGACTGGAGGTCTGGATCCCCTACTGCTCCAGGAATTGGGCTCCTGACAGCAGTCTGCTA
 CCACAACCCAGGCGGGTGTCAACACCAGCAAATGCTGTGTTGTCAGCATGCCAAGATGACCCTGCTCC
 TGAACCTCTACCTAGCCACTGGTAGAGAGAGGAGAGAACGTGGTAATGGCAGCAACACTTAGGCATGAG
 AGCCTCGGGGACCAAGCCATGTGGCTTTTTTTTTTTTTTTTTTTTTAACTTTGCCTTCCTGGCAACTAAGG
 TGTGTCTCTTAATTCTCTTACAGTATTTGTTTACTTTGGATTTTTGTTTTTAATCTCAAAGAGAGAG
 ATGTGTTAATGGACACAAGCTGTAGTTCTCAGCAAACTTTGTCAGTTGGCACTGTTTACAAGTCTGTT
 AGCTGCATAAGCTCAATAAAAAGTTGGTCTGGGCATTGCATCCCCTCTGACAGACCGATAGCTGCATCAG
 GCTGTTGGGTGGAATGGGAGGCAAGGGAATAGGAAAGCCAAAGGCCAAGCAGGAAGTCTGTGCTGCTCT
 CTGCTCCTGTTCTTTCCCTCCCATACCTGGCTGCTGTGAGGACACTCACCTTGTCTGGCTTCAGCTGCT
 AGCCTACCCACATCTCAGCGCTTTCCCTTTTTTACCCTTAGACTTAAAGCAGGTGCTTAATTTACT
 CAACCTTCCCTAAAAGAGAATTGTATTGGGGCAGGAGGGATCGCAGTTCTTCAAATTCAGGTCTTCGAAG
 ATAATTTCCAGGTGCTTCTCAAACGGAGTAAGCGCTGGATCCAAATGGTAGACTACTTGACCCCGTTC
 TTAGCGTGAGTTTTCATAGTGCCATCTCTCATGATTGTAGAAGCAGCTGAATGAGTTTCTCAGATTT
 AAAATGAATAGCTGGACTCTGCTGGCTCAGTCTCCTCTCCTTTTTAACACACTTTCTTAGGTCTATGGAA
 ACTACAGGGTTGCCACTGAAATGTTTTTACTTGTGATAGTGTGAGGGCCCCCTTCCATCCCATGG
 GCTTGACTCTCAACCTGTTACTGTAAGTGCATCCTTCCACCCTCAGCCTTTGTTTCTCATCCTCACC
 TCCAAAGATGGGATTAATAATCCAACCTAGAAAAGAGTCCAAATCTTCCAGCCGTGTCTCATACACTTGA
 AGATGTCTATATTGAGTTTGAAGAGGTTATAAAGGGACAGATGGTCATAGAAACCTTTGCAGAGGCAAGT
 GTGCCAACCCAAGGGCTTTTCAATTGTTGTTGGCTTCTGTCTTTAAAGCCAAGAAAGTAGTAATTAAGT
 AGCCTAGATTTAAGGAGGGTAGAATAAGCATTATTTCCCTGCCTTCAAATTAAGAGGGAGGACTGGC
 CTCAAGCCTGAAGAACAAGTCTCAGAAAGCAAGAACAGCATCACCTTGATAAATGTCTTGACTCAGT
 CTGCGGCTTGTGATCTGAAAAGTTCTCTAGGGTACCCTGGTTTTTGAATATGCCTTCTGCTGAGCTGA
 AGTCTTTTCACTTCACTGGGGGAGCAGCTGAGGCTTGGGGCCTTGCTCCCTGGGACATTCTCTCCA
 TCTTTTGGTGCATTGGCCATATTACTGTGCCAATAGTGTCTTAACTCATGTCCCCTATCTCAGCTGG
 CCTTGGACCTACATAGGAGTTGAATGGGAGGGGCTACAATGGGCTTCTCTGTGGTTGGTCTGATGTTG
 TATGTAATATAAAGAGACCCCTCCCTTATATTGTGTTTTCCATCCCTCACCTCAACAGGATTAATA
 TAAACATGCTGGGTTTTTTTTGTTTTAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: AscI-NotI
ACCN: NM_021383
Insert Size: 900 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:	BC051948 , AAH51948
RefSeq Size:	3125 bp
RefSeq ORF:	900 bp
Locus ID:	58184
UniProt ID:	Q9JKY0
Cytogenetics:	1 C4
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. Involved in down-regulation of MYB- and JUN-dependent transcription. May play a role in cell differentiation. Required for retinoic acid-induced differentiation of F9 teratocarcinoma cells. Does not bind DNA by itself. Enhances ligand-dependent transcriptional activity of nuclear hormone receptors. May play a role in cell differentiation. [UniProtKB/Swiss-Prot Function]