

Product datasheet for **MC206010**

Cnot10 (NM_153585) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cnot10 (NM_153585) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cnot10
Synonyms:	2600001P13Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC039183
 GTGGATGGCGGGGAAAACAGCCCTGCACCGGCGGATGTGTTGGCGCTGTTGCTAGACGACGAGCAGTAAC
 TTCGCTACTTCTCAGCCCGTGGCCCGCCAGGACCTTAGCCGAAGCGACTGGAGCGGGCTTGAGCTGAA
 GAGTTGTCCCCGCGCGTAGGACTCACCACCAGCCCGCGCGGGAGTCGGGGCCACGCCACCTACAGGG
 AGGAACTCGAGCCGAGGCGGGAAGATGGCTGCAGACAAGCCTGCAGATCAGGGAGCAGAGAAGCATGAAG
 GGCAGGCCAATCATCTGGGTACGGACCAGGAGAAGGAGCTGCCGCCAGTCCCTCCAGGCCCTTCCAC
 GCTCTGGAATTATGATGCCTGTCTGCAACACCTTGCCCTGTCTCCAAGATATAAACAAAGATGATTACAAA
 ATTATTCTGAATACAGCAGTAGCTGAATTTTTAAAAAATCAAAACAACAACAGATAATTTGAGACAAA
 CACTTAACCAGCTGAAGAATCAGGTCCACTCGGCTGTTGAAGAGATGGATGGGTTAGACGATGTTGAGAA
 CAGCATGCTGATTATAACCAGGCTGTCTTCTATCATCTGCGCCAGTACACGGAGGCCATATCTGTC
 GGCGAGAAGCTCTATCAGTTCATAGAACCTTTCGAAGAAAAATTTGCCAAGCGGTGTGCTTTTTGCTCG
 TAGACTTGTATATTAACCCACCAGGCTGAGAAAAGCTCTGCATCTTCTTGCCGCTCTAGAAAAATGAT
 TTCACAGGGTAGCGGTGGCAAAAATGGGAAGAACGAGACTGGCAATAACAGCAGCAAAGACGGATCCAAC
 CCTAAGGCTGAGAGTGCAGCTCTAATAGAGGCTGCCAAGTCCAAGATACACCAGTACAAAGTCAGAGGGT
 ACATCCAGATGAAGTCCCTGAAGGCTTGCAAAAGGGAATCAAGTCTGTATGAACACAGCTGGAATTC
 TGCACCTTCCCTGTTTCTTAAAAGCAACTTTGAGTACTTAAGGGGCAACTATCGAAAAGCGGTGAAGCTG
 TTGAATAGTTCAAACATTGCCGAGCATCCAGGCTTCATGAAGACAGGTGAATGCTTGAGATGCATGTTCT
 GGAATAACCTTGTTGTATCCATTTTGCCATGAGCAAGCACAATTTGGGGATTTTCTACTTCAAGAAGGC
 TCTGCAGGAAAATGACAACGCTCTGCGCCAGCTCAGTGCAGGTTGGCACTGATCCAGGCAAAAAGTTTTCT
 GGAAGACCCATGTGTACATTGCTGACCAACAAAAGATATGAGTGTCTTACAACCTGTGGGATCCAGCTGC
 TGCAGCTCGGGAGGCCTCTCGTGCCTTCGAGTGTCTGATTGAAGCTGTTCAAGTGTACCACGCGAATCC
 TCGTCTTGCTACGGCTGGCTGAGTGTGCATTGCTGCCAATAAAGGGACTTCTGAGCAAGAAAATAAA
 GGTCTTCCCACCAAAAAGGCATTGTACAGTCTATTGTTGGTCAGGGATATCACCGTAAAAATAGTCTGG
 CATCACAGTCAATTGAGAACTACTGTCTACAATGATGGTCAGTCTTCCAGCCATTCTGTAGCCAGTGTGGA
 GTTTGCAGCCATCTGTCTCAGAAATGCCTTGTGCTGTTACCTGAAGAACAGCAAGATCCCAAGCAGGAA
 AATGGCTCCAAGAGCAGCAGCCAGCTTGGAGGGAACACGGAAAGCAGCGAGAGCAGCGAGACGTGCAGCA
 GTAAAAGCCATGATGGAGATAAGTTCATTCCCGCTCCACCGTCTTCTCCGCTGAGGAAACAGGAGTTAGA
 AAACCTCAAGTGTCCATCCTTGCTTGCAGTGTCTATGTGGCTCTGGCCTTAGGTGATAACCTCATGGCT
 TTGAACCATGCAGATCAGCTCCTGCAGCAGCCAAAGCTGTCTGGCTCTCTAAATTTTTGGGCCATTTAT
 ATGCCGAGAAGCCCTCATCTCCCTCGACAGGATATCTGATGCCATTACACACTGAACCCAGAGAATGT
 CACTGATGTCTCCTTAGGGATCTCTCAAATGAGCAGGACCAAGGATCAGACAAGGGTGAATGAAGCA
 ATGGAATCCTCTGGCAAGCGCGCCCTCAGTGCTACCCAGTTCTGTGAAGTCTGCCCGGACTGTGATGC
 TCTTCAACCTGGGCAAGTGCCTACTGCCTGAGGAGCGAGTACGACAAGGCCGAAAGTGTCTGCATAGGC
 GGCATCGATGATCCATCCTAAGGAGGTGCCCTGAAGCCATCCTGCTGGCTGTCTACCTTGAGTGCAG
 AATGGTAATACACAGCTGGCCTTGAGATGATCAAGCGGAACAGCTGTCCCGCAGTAAAGGCGCACT
 CTGATGTGAGGAAGAAGACAGTGTCCAGCCGTGCACCCATCCAGCCATCCAATGCCAGCGTTTAC
 CACCGTGCAGAGGAAGTGAAGCTTGCCTCGGGAGGCCAGGGGAACATTGTGGCAGGAAGACGGAAGTAG
 TGCTGGAGAGGAGACTGGAGAGAAACACTGGGCCTGTCCCTGTGATGCACTTCTGCCAGCAAGGCCACGC
 CTCCCAGTCCCTGAAGTGTCACTCCCTGAAGATGAAGCATTCAAATATGAGTCGATGAGAGCCATTCTTG
 TTCACATCGCCATAGTTATGGAGGTTGGACCCAGCACTCAAGACTGTTATAAAGAATTTTTGCTTTGGTA
 AA

Restriction Sites: RsrII-NotI
ACCN: NM_153585
Insert Size: 2235 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>BC039183</u> , <u>AAH39183</u>
RefSeq Size:	2783 bp
RefSeq ORF:	2235 bp
Locus ID:	78893
UniProt ID:	<u>Q8BH15</u>
Cytogenetics:	9 F3
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 not required for association of CNOT7 to the CCR4-NOT complex (By similarity). [UniProtKB/Swiss-Prot Function]