

## Product datasheet for **RN208418**

### **Cnot11 (NM\_001108794) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Cnot11 (NM_001108794) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cnot11
Synonyms:	RGD1560909
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN208418 representing NM\_001108794  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCCCGTGGCGGGCGAGCACGGCTCTGGCCGGCTTCTCTCAGCGGATCCAAGAGGGCGCGGGAGG  
 CGGCGGCGTTCCGGAGTGGCCCGCGGGCTCGAGCGGAGGCCAGGCGGAGCAGGTGGCCCGGGTCAGG  
 GAGTGGAGGCCCGCGGGCAGGATGAGCCTGACCCGAAGGAGCTCTCGAGCCTGCTGAGCATCATCTCG  
 GAGGAGGCAGGCGGGCGGACACCTTCGAGGGCCTGTCCACCGCCTTCCACCACTACTTTAGCAAGGCCG  
 ACCACTCCGCCTGGGCTCGGTGCTGGTGTGCTGCTGCAGCAACCGGACCTGCTGCCAGCGCCGCGCA  
 GCGCCTCACGGCGCTCTACCTTCTCTGGGAGATGTACCGCACCGAGCCGCTCGCCGCTAACCCGTTGCA  
 GCCAGTTCGCGCACCTGCTCAACCCGGCGCCGACCCCGGGCGGACAGGAGCCCGATCGGCCCCCGC  
 TCTCAGGGTTTCTGCCTCTATAACTCCGCCAGAAAAGTCTTTCTTTCCAGCTCATGCTGGCACCCCC  
 GAGGGAGCTGTTCAAAAAGACACCTCGCCAGATTGCACTCATGGATGTCGAAACATGGGGCAGTCTGTG  
 GATATTAGTGGCCTTCAGTTAGCCCTGGCAGAGGGTCAGTCTGAGCTGCCAACCCAGAGCAAAGCTAGT  
 TCCAAGCATCCTCAGTGACCCGGACCCGGACTCCTCTAACTCTGCGTTTGACAGCTCAGTTGCCTCTCG  
 GATCACAGAGTCTTTAGTCAGCGGACCCAAGCCGCCATCGAAAGTCATTTTCGCCAGAGTTTCATCCGC  
 CCACCACCACCTCTCCACATCTGTGAGGATGAAGTGGCCTGGCTCAATCTACAGAACCCGAGCATGCCA  
 TTCAATGGGACAGGTCAATGTGTGTGAAGAATAGCACTGGTGTGGAGATCAAGAGGATCATGGCAAAAGC  
 CTTCAAAGCCCTCTGCCTCTCCCCAACAAACACAGCTCCTGGGTGAGTTGGAAAAGATCCCAAATT  
 GTTTATCACATTGGCCTTACTCCAGCGAACTTCAGACCTAGTGAAAACAACCCATTAGTCGCTATAG  
 AAATGCTGCTGAAACTAATGCAGTCAAGCCAGATCACCGAGTATTCTCGGTCTGGTCAATATGGACAT  
 GTCCTTACATTCAATGGAAGTTGTGAATCGACTAACTACAGCTGTGGACCTACCTCCTGAATTTATTAC  
 CTATACATATCCAATTGCATTTCTACTTGTGAACAAATTAAGGATAAATATATGCAGAATCGCTTGGTGC  
 GTCTTGTGTGTGTTTCTCCAGCTTTTGTATCCGTAACAAAATTAACGTGCAGGACTTGTATAGA  
 AGTGCAGGCCTTCTGCATTGAATTCAGCAGGATACGGGAAGCTGCAGGCCTATTTGCGCTGCTGAAGACA  
 CTGGACACTGGGAAACCCCTTCTGAGACCAAAGTATCAAAATAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM\_001108794
- Insert Size:** 1515 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:**

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\\_001108794.2](#), [NP\\_001102264.1](#)

**RefSeq Size:** 1744 bp

**RefSeq ORF:** 1515 bp

**Locus ID:** 363221

**UniProt ID:** [B0BNA9](#)

**Cytogenetics:** 9q22

**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 required for the association of CNOT10 with the CCR4-NOT complex. Seems not to be required for complex deadenylase function (By similarity).[UniProtKB/Swiss-Prot Function]