

Product datasheet for **RN208221**

Cnot9 (NM_001009357) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cnot9 (NM_001009357) Rat Untagged Clone
Tag: Tag Free
Symbol: Cnot9
Synonyms: Rqcd1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN208221 representing NM_001009357
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGCACAGCCTGGCAACGGCAGCGCCTGTGCCTACTGCACTGGCCAGGTGGACAGAGAGAAGATCTATC
AGTGGATCAATGAACTGTCCAGTCTGAAACAAGGAAAATGCTTTGCTGGAGCTGAGCAAGAAGCGAGA
GTCTGTCCCTGACCTTGGCCCATGCTGTGGCATTCAATTCGGTACTATTGCAGCACTTTTACAGGAAAT
GTAATATTTATCCATCTATCAACCCTCCAACCTTGACAGCACACCAATCTAACAGGGTTTGAATGCTC
TAGCATTGCTACAGTGTGTGGCCTCACACCCAGAGACCAGGTGAGCCTTTCTTGCAGCACACATCCCACT
CTTTTTGTACCCCTTTTGCACACAGTCAGCAAACTCGTCCCTTTGAATATCTTCGGCTCACCAGCCTT
GGAGTTATTGGGGCCTTGGTTAAAACAGATGAGCAAGAAGTAATCAACTTTTTATTGACAACAGAAATCA
TCCCTTTGTGTTTGGCATCATGGAATCTGGAAGTGAAGTGTCTAAAACGGTTGCCACATTCATCCTCCA
GAAGATCCTCTTAGATGACACTGGTCTGGCTTATATATGTCAGACATATGAGCGTTTTTCCCATGTTGCC
ATGATCTTGGGTAATGGTCTGCAGCTATCCAAGAACCATCTGCCCGTCTGCTGAAGCATGTAGTAA
GATGTTACCTTCGACTCTCAGATAATCCAGGGCACGTGAAGCACTCAGACAGTGCCTCCCTGACCAGCT
GAAGGACACAACCTTTGCCAGGTGCTAAAAGATGACACCACCACCAACGCTGGCTTGACAACTGGTG
AAGAACCCTGCAGGAGGGCCAAGTACCGATCCCGGGGAATTCCTGCCCCCTCAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001009357
Insert Size: 900 bp



[View online »](#)

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_001009357.1</u> , <u>NP_001009357.1</u>
RefSeq Size:	3399 bp
RefSeq ORF:	900 bp
Locus ID:	301513
UniProt ID:	<u>Q5PQL2</u>
Cytogenetics:	9q33
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. Enhances ligand-dependent transcriptional activity of nuclear hormone receptors. May play a role in cell differentiation (By similarity).[UniProtKB/Swiss-Prot Function]