

## Product datasheet for **RN203994**

### **Cnot3 (NM\_001107471) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Cnot3 (NM_001107471) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cnot3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN203994 representing NM\_001107471  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGCGGACAAGCGCAAACCTCCAAGGTGAGATTGATCGCTGCCTCAAGAAGGTGTCCGAAGGTGTGGAGC  
 AGTTTGAAGATATTTGGCAAAAGCTCCACAATGCAGCCAACGCGAACAGAAAGAAAAGTATGAGGCTGA  
 CCTAAAGAAGGAGATTAAGAAGCTACAACGGCTGAGGGACCAGATCAAGACATGGGTAGCATCCAATGAG  
 ATCAAGGACAAAAGGCAGCTTATCGAAAACCGCAAGCTCATTGAAACGCAAAATGGAACGGTTCAAAGTTG  
 TGGAACGAGAGACAAAACCAAAGCCTATAGCAAGGAGGGTCTCGGTCTGGCTCAGAAGGTGGACCTGC  
 CCAGAAGGAGAAGGAAGAGGTTGGCCAGTGGCTCACGAACACCATTGACACCTTAAATATGCAGGTGGAC  
 CAGTTTGAGAGTGAGGTGGAGTCACTGTCAGTACAGACGCGCAAGAAGAAAGGCGATAAGGATAAGCAGG  
 ACCGGATTGAGGGCTTGAAGCGGCACATCGAGAAGCACCGCTACCATGTACGTATGCTGGAGACCATCCT  
 GCGCATGCTGGACAATGACTCCATCCTGGTTGATGCCATCCGCAAGATCAAGGATGATGTAGAGTACTAC  
 GTTGACTCATCCCAGGACCCCGACTTTGAAGAGAATGAGTTCTCTATGACGACCTGGACCTCGAGGACA  
 TTCCACAGGCGCTGGTCCGACCTCCCCCCCCAGCCACAGCCACATGGAGGACGAGATCTTCAACCAGTC  
 TAGCAGTACACCCACCTCAACAACCTCCAGCTCTCCCATCCCACCCAGCCAGCTAACTGCACTACGGAA  
 AACTCTGAAGATGATAAGAAGAGAGGGCCGCTCTACAGATAGTGAAGTCAGCCAGTCTCCAGCCAAAAATG  
 GCTCCAAGCCTGTCCACAGCAACCCAGCACCCCGCTCCAGCTGTGCCGCCACCTACCCCTCTGGCCC  
 CCCACCTGCCACTTCTGCCTTGAGCTCCACCCCTGGCAACAATGGGGCCTCTACCCAGCAGCACCTCCA  
 AGTGCCCTGGGCCCTAAGGCCAGTCCAGCTCCAGCCACAACCTCGGGTACTCTGCCCCCTATGCCCAGG  
 CTGTGGCCCCACCAATGCCAGCGGGCCAGCAATGCCAGCCCGGCCCCAGTCCAGCCCAAGCGG  
 GGAAGTGGTGGTGGCAGCGGAGGGAGCAGCAATAGTAACAGTGGCAGGCGGAGGGCTGGCAAG  
 CAGAACGGTGCCACCAGCTATAGTTCGGTTGTGGCAGACAGCCCTGCAGAGGTGGCCCTGAGTAGCAGTG  
 GGGCAGCAGTGCCAGCAGCCAAGCCCTGGGGCCACATCGGGCCCTATAACCCAGCTCCAGCACCTT  
 AAAGGAATCCAGTACAGCAGCCCATCCGGGGCTGGGAGTGTGGCTTCCAGGCTCAGGGAACAACCTCAGGG  
 GGACCCAGCCTCTTGGTGCCACTGCCTGTAATCCCCCAGTTCTCCAACGCCAGCTTCACTGAAGCCA  
 AGGCAGCTGGCACTCTTCTTAATGGTCCCCACAGTTTAGCACCACCCAGAAATCAAGGCCCTGAACC  
 TCTGAGCTCTGAAATCCATGGCAGAACGGGCAGCTATCAGCTCTGGTATTGAGGACCTGTGCCAACG  
 TTACACCTAACTGATAGAGACATCATCCTGAGCAGCACATCAGCACCACCCACCTCATCCCAGCCACCC  
 TGCAGCTATCAGAGGTGAACATACCATTGTCACTGGGCGTCTGTCCATTGGGGCCAGTGTCCCTACCAA  
 GGAGCAGCTATACCAACAGGCCATGGAAGAGGCCGCTGGCACCACATGCCCCACCCCTCTGACTCCGAG  
 CGCATTGGCAGTACCTTCCCCGGAACCCCTGGCCGACACCCCTACCACCACCAGATGCCACCCCGC  
 ACTCGGACACTGTGGAGTTCTACCAGCGCTGTCAACTGAGACGCTCTTCTTCACTTTCTACTATCTGGA  
 GGAACCAAGGCACAGTACTTGGCAGCCAAGGCCCTAAAGAAGCAGTCTGGCGATTCCACACCAAGTAT  
 ATGATGTGGTTTCAGAGGCATGAGGAGCCCAAGACCATCACAGATGAGTTTGAGCAGGGCACCTACATCT  
 ACTTTGACTACGAGAAGTGGGGCCAGCGGAAGAAGGAAGGCTTACCTTTGAGTATCGCTACCTGGAGGA  
 CCGGGACCTCCAG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_001107471

**Insert Size:** 2256 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).

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001107471.2, NP_001100941.2</u>
<b>RefSeq Size:</b>	2869 bp
<b>RefSeq ORF:</b>	2256 bp
<b>Locus ID:</b>	308311
<b>Cytogenetics:</b>	1q12