

Product datasheet for **RN215681**

Cnot4 (NM_001037782) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cnot4 (NM_001037782) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cnot4
Synonyms:	MGC114505
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN215681 representing NM_001037782
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTCCTCGCAGTCTGATGCAAAGGAAGACCCTGTGGAATGCCCTCTTTCATGGAGCCCTTGAAATAG
 ACGATATTAACTTTTCCCTTGCACCTGTGGCTACCAGATTTGCCGATTTTGTGGCATCGAATCCGCAC
 TGATGAGAATGGGCTTTGTCTGCATGTAGAAAGCCATATCCAGAAGACCCAGCAGTTTATAAACCACTT
 TCCCAGGAAGAATTGCAAAGGATAAAGAATGAGAAAAACAGAAACAAAATGAGAGAAAAACAGAAAACT
 CAGAAAAACGAAAAACATTTGGCTAGTGTACGTGTGTACAAAAAACCTTGTATTTGTCGTAGGTCTGTC
 ACAGCGCTAGCAGACCCAGAAGTTTTAAACGACCAGAGTATTTGGGAAGTTTGGTAAAAACATAAA
 GTTGTCAATAATAGCACATCATATGCAGGCTCACAGGGTCCGAGTCCAGTGCCTTATGTAACCTATA
 TCCGGTCAGAAGATGCTCTCAGAGCAATACAGTGTGTCAACAATGTGGTGTAGATGGCAGGACACTAAA
 GGCATCCTTAGGCACAACAAAGTACTGCAGCTACTTCTGAAGAATGCAGTGCCTGAGCCGAGCCGACTGC
 ATGTATCTGCACGAAGTGGGGATGAGGACGCCAGCTTACCAAGGAGGAAATGCAGGCGGGTAAGCACC
 AAGAGTATGAACAGAAGCTCCTCCAAGAATTATATAAATTAATCCCAATTTTCTTCAGTTATCTACGGG
 TTCAGTTGATAAGAATAAGAACAAAGTGACACCATTACAAAGCCCATGACAAACCTTCAGATTCTCTC
 AGTATAGGGAATGGTGATAATCCCAACAGATATCAACAGTGATACGCCTTCACCACCCTGGTTTAT
 CAAAATCCAATCCTGTATCCCCATCAGTTCATCCAATCACAGTGCAAGGTCTCCTTTTGAAGGGGAGT
 AACAGAGTCACAGTCATTATTCTCAGACAATTTCCGCCACCCCAACCCTATACCAAGTGGGCTTCTCCT
 TTTCCAGCTCTCCACAGACACCCAGTATTGGCTACCGCTCCAGAACCACAGAGCCTTTCACATCAG
 AAACAATCCCAGTATCATCATACAGACTGGCAAGCAGCATTTGGCTTTGGTTCTTAACAGCCAGA
 GGATGACTTGGGGTTTGATCCCTTCGATGTTACTCGAAAAGCCTTAGCAGACCTGATTGAGAAGGAATA
 TCCGTCCAAGATCAACCTTCCCTTTCTCCACGTCTTTCAGAATCCTCCTCACACACTACAAGCGCCA
 AAGGTCCAGGCTCTGGATTCTGCACCTGCTGCACCTGCCAATGCCAATCTCTTAATAGTACCTTTTC
 AGTCTTGCACAGAGTTCCCTCAGTTTCAGCAGCACCAGCAGTTTATAAATTCGTTTCGTTTTCAGGC
 CAGGCAGCCCGCTATCCTTGGATGGCTTTCCACGCAATAGCATCATGCCTTGAACCACACAGCAAACC
 CCACCTCAAATAGTAATTTCTGGACTTGAATCTCCGCCACAGCACAACACAGGTCTGGGAGGGATCCC
 CATAGCAGACAACAACAGTCTGTAGAGAGTTAAATATGAAGGAATGGCAGGACGGGCTAAGGGCACTT
 CTACCAACATTAACATCAACTTTGGTGGACTGCCAATCTTCTTCCCCTCCAACGCCAACACAGTG
 CACCAACGTCCAACACTGCCACCACGGACAGCGTGAGTTGGGACAGCCCTGGCAGCTGGACAGCCAGC
 CATCATACAGGTATTCCAGCCTTTCAGGAAACACTTTAGACTCTATTCAAGACGACAATCCTCCACAC
 TGGCTAAAATCCCTTCAGGCCCTCACAGAGGTGGACGGCCCGCAGCGCTGCCTCGCCACAGCCCCACCACA
 GCGCCCCCTTCAGCACACAGATCCCTCTGCACAGAGCCAGTTGGAACCCCTACCCACCTCCTTAAATCC
 TTCCAGCTTCCACTCCCCACCCAGGCTTCCAGACAGCCTTCCAGACCCCCAGCAAAACCCCCACAGAC
 CTGCTACAGAGTTCAACACTGGACCGCCACT**AA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001037782
Insert Size: 2133 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>NM_001037782.1, NP_001032871.1</u>
RefSeq Size:	3502 bp
RefSeq ORF:	2133 bp
Locus ID:	312227
Cytogenetics:	4q22