

Product datasheet for **RN210019**

Noct (NM_138526) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Noct (NM_138526) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Noct
Synonyms:	Ccr4; Ccrn4l; Ccrn4lb
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN210019 representing NM_138526
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**C

ATGTATCAGAGCCCGCGCGGCTCTGCTCGGCCCTGCTGCTCAGGGACGCCCCCGGCTGCGCCGCACAC
 TCGTGCCCGGCCCGCGCCGAACGCTCGCCCCGCCGGTGTCTGGATCCCGGCCCGCTCCCCACAACCTGCA
 GGCGGCGGCTCGGGCGCGCGAGGTGCGCTCCCGAACAGTGAGTCCCATGGGAAACGGCACCAGCCGG
 CTGTACAGCGCCCTCGCCAAGACCATCAACAGCAGTGCAGCCGCTCAGCACCCGGAGTATTTGGTGTGAG
 CTGACCCCGAACATCTGGAGCCCATCGATCCTAAGGAACCTCTCGAGGAATGCAGGGCTGTGCTGCATAC
 CCGGCCACCCGATACCAGAGGGATTTTGTGGACCTGAGGACAGATTGCTCCAGTAGCCATCCTCCATT
 AGAGTTATGCAGTGGAACATCTCGCTCAAGCTCTCGGGAAGGCAAAGACAACCTTTGTCCAGTGTCTG
 TGAAGCCCTCAAATGGGAGGAGAGGAAATGCCTTATCCTGGAGGAAATCCTGGTTACCAGCCAGATAT
 ATTATGCCTCAAAGAAGTGACCACTATTTTGACACCTTCCAACCACTCCTTAGTAGACTGGGCTATCAA
 GGCACATTTTCCCAAGCCCTGGTCACCATGTCTAGATGTGGAGCACAACAATGGTCCAGATGGCTGTG
 CCTATTTTTTCTCCAAAGCCGATTCAAGCTCATCAACAGCACCAATATTAGGCTGACAGCCATGACCT
 AAAACCAATCAGGTGGCCATTGCACAGACCCTGGAGTGAAGGAGTCTGGGCGACAGTTCTGCATTGCT
 GTCACCCACTTAAAGCACGCACTGGCTGGGAGCGGTTCCGATCAGCTCAGGGATGTGACCTCCTCCAGA
 ACCTGCAGAACATCACAGAGGGCGCAAAGATCCCGCTGATAGTCTGCGGGGACTTCAATGCAGAGCCAAC
 CGAAGAGGTCTACAAACACTTTGCTTCTCCAGCTCAACCTCAACAGCGCTACAAGCTCCTGAGCCCC
 GATGGACAGTCAGAGCCTCCCTACAAACCTGGAAGATCCGACCTCAGGGGAGTGTGCGCACACGCTGG
 ACTACATCTGGTACTCCAGACATGCTCTGAGTGTACGTCTGCTGACCTGCTCACCAGGAACAGAT
 TGGGCCTAACCGGCTCCCATCCTTCCATTACCTTCAGACCACCTGTCACTAGTGTGTGACTTCAGCTTT
 AACGAGGAGCCTGATGAACCTTTTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_138526

Insert Size: 1287 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_138526.1, NP_612535.1

RefSeq Size: 2609 bp
RefSeq ORF: 1287 bp
Locus ID: 310395
UniProt ID: [Q9ET55](#)
Cytogenetics: 2q26
Gene Summary: mouse homolog may be involved in circadian rhythm [RGD, Feb 2006]