

Product datasheet for **RN200655**

Cdan1 (NM_001107765) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cdan1 (NM_001107765) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cdan1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN200655 representing NM_001107765
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGCCACCAAGGACAGTGACCTTGAATCGAGTCAGGGTGCCCTAGATTCCCTGAAACTCCCCTGT
 TTCGGAGCATCCATGATTGTGTCTCTTTGCAGTGCAGGTTTTGGAGCATCAATTCAGGTTCTCTCCTA
 CCTGGATAAAGGGACCTTAAAGCTGCTGGCCGAGAATGAGCGGCTGCTGTGCTTCTCACCAGCTCTGCAA
 GGCCGCTTCGAGCTGCTTATGAAGGCAGTGTGCCAAGGTCTCCCTTGATACCACCCTCTGCTCAAG
 CTGTCTCCTTTCAGCCAGAACTGACAATCGTGCCAACCTCTCCAGTGATCGAGCCTTCCATACTTTTAA
 AAAGCAGAGAGATGTGTTCTATGAGTACTTCGAGAATGGGAAGACCACCAGGAAACCCAGCTGGGAT
 TTTGAGAAGGGGCTGGGTAGCAGGATCAGAGCCATGATGGGTCACTTTTGCAGCCTGCAGCCACAGCC
 ACTTTGTCGGCTTTTCCAAAAGCAGCTTCTCCAGATGTGTGAGCCCTGGCGGTGCTGGGGGATCTGT
 TTTGGGGAAGCTCCAGATGATTGAATATGCTAGGAGCTGACAAGCTCGGACGGTTCGGCAGCTCCAA
 GAACGGCTTATAGCCCTCAGAGCAGTGGAGGACCCTGCCACCCCCACCTTCCAGGCTGTCAAGGCT
 TCTTCAGGGACTTCATCATGAGTGCCAGCAGCTTTCATTTAATCAGCATCTCATGGATAGTTTAAAGTTT
 AAAGATTCGGGAGCTCAATGGCCTTCGCCTGCCTCAGCACGAGCCTGGTATGAAGATGGGGAATCTGAC
 GTGGACTGGCAGGGTGAACGGAGGCAATTTGCTGTAGTGCTTCTTAGTCTTAGACTTTTGGCTAAATTC
 TGGGCTTTGTGGCTTTCCTGCCATACCGGGGACATGAACCGCCCCAACCCGTGAGCTTCAGGACTCTAT
 TCTGGCCCTCAGGAGCCAGGTCCTCCTGTTCTGGATATACGGGCTCTGTTGCAGCAGGGGTTGTGGCC
 CGTCGGGCAGTGCTCACTGTGCCCTGGCTGGTGGAAATTCCTCTCTTTTGTGACCACATTTGCCCTTGC
 TGGACTATTACCGGAGTGTCTTTACTCTCCTGCTGCACCTACATCGGAGTTTGGTCTTATCAAAGGAGAA
 TGAAGGAGAGATGTGCTTCTGAATAAGCTGCTGCTGCTTGTCTGCTGGGATGGCTTTTCCAGATACCT
 ACAGTTCTGAGGACTTATTCTTCTAGAAGATGGTCAGGTAGATGCCTTTGAGGTGGACACAACACTACT
 CAGAGCATGGATTGGACAGTGTACCTGTTGTGGACCAGCAGCTGTATATACCTGTTGCCCTTACATTGT
 GGGCGGAGTGGAGGCTTT**TGA**

ACGGTACGGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001107765
- Insert Size:** 1422 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_001107765.1](#), [NP_001101235.1](#)
RefSeq Size: 3451 bp
RefSeq ORF: 1422 bp
Locus ID: 311348
Cytogenetics: 3q35