

## Product datasheet for **RC225639**

### CDCA7L (NM\_001127371) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** CDCA7L (NM\_001127371) Human Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** CDCA7L  
**Synonyms:** JPO2; R1; RAM2  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >RC225639 representing NM\_001127371  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGAGTTGGCGACTCGCTACCAGATCCCTAAAGAAGTGGCTGACATCTTTAACGCCCCAGTGATGATG  
 AAGAGTTTGTGGCTTCCGAGATGATGTTCCCATGGAAACCTCTCGTCAGAGGAGAGCTGCGATAGTTT  
 TGACTCACTAGAGTCAGGAAACAGGTCGTGGAGTCAGATTTGAGTGATGATGGCAAAGCATCTTTGGTG  
 AGCGAGGAAGAGGAAGATGAAGAAGAAGATAAAGCTACCCCTAGAAGAAGCAGGTCTAGAAGAAGTAGTA  
 TTGGTCTTCGAGTAGCCTTTTCAGTTCACCAAGAAGCTGGCCAACAAACCAGATAAAAAACAGTTCTTC  
 CGAGCAGTTGTTTCTAGCGCACGCTTACAGAATGAGAAAAAACAATTCTTGAAAGAAAAGAAAGACTGT  
 AGACAGGTGATACAAAGGAAGATTCTACCTCTGAGTCTGAGGATGACTCTCGGGATGAGAGCCAGGAGA  
 GTTCAGATGCTTTGCTGAAAAGGACCATGAACATCAAGGAGAACAAGCCATGCTTGCCAGTTATTGGC  
 GGAATTGAACTCGATGCCAGATTTCTTCCAGTACGAACCCCAACCTCAGCTTCTAGGAAGAAGACAGTG  
 AGGCGGGCCTTCTCGGAGGACAGATCACGCGCGTATGAACCAACCCGGAGTGCAGCGGCTCTGAGA  
 AGTTTGTCTAGAGAACTTCACTGTCTCAGCCGCTAAATTTGCGGAAGAGTTTACAGCTCCGAAGAAG  
 GAAGACAATTGGGGGAAATGCCGGGAGTACAGACGACGTCACCGTATATCTTCTTTTCGCCAGTGGAG  
 GATATCACCGAAGAGGACTTAGAAAATGTTGCCATAACTGTTTCGAGATAAAATCTATGATAAAGTTCTGG  
 GTAACACGTGCCATCAGTGTGACAAAAGACCATCGACACCAAGACAGTGTGTCGGAACCCAGGGTTGCTG  
 TGGTGTGCGAGGACAGTTCTGTGGACATGCTGCGGAACCGCTATGGGAGGATGTCAGATCGGCATTG  
 CTGGACCCGATTGGGTGTGCCCCCTGTCGTTGGATCTGCAATTGCAGCTACTGTCGGAAGCGTGACG  
 GCCGCTGTGCCACAGGAATCCTCATTCTGCGCAAGTTTTATGGTTATGACAAATGTTAAGGAATATCT  
 GGAGAGCTTACAAAAGGAGCTGGTAGAAGACAAT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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**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\\_001127371.3](#)

**RefSeq ORF:** 1227 bp

**Locus ID:** 55536

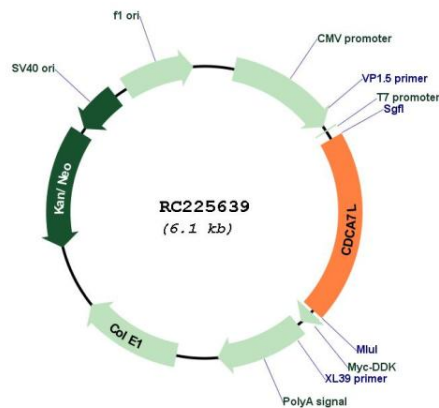
**UniProt ID:** [Q96GN5](#)

**Cytogenetics:** 7p15.3

**MW:** 46.6 kDa

**Gene Summary:** Plays a role in transcriptional regulation as a repressor that inhibits monoamine oxidase A (MAOA) activity and gene expression by binding to the promoter. Plays an important oncogenic role in mediating the full transforming effect of MYC in medulloblastoma cells. Involved in apoptotic signaling pathways; May act downstream of P38-kinase and BCL-2, but upstream of CASP3/caspase-3 as well as CCND1/cyclin D1 and E2F1.[UniProtKB/Swiss-Prot Function]

### Product images:



Circular map for RC225639