

Product datasheet for RC225672

CDCA7L (NM_001127370) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CDCA7L (NM_001127370) 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:	>RC225672 representing NM_001127370 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAACCCCTCGTCAGAGGAGAGCTGCGATAGTTTTGACTCACTAGAGTCAGGGAAACAGCAGGATG
TGCGCTTTCATTCCAATACTTCACAGAAGAGCTAAGAAGAATTTTTATAGAGGACACTGACTCAGAGAC
TGAGGATTTTGCAGGATTTACGCAGAGTGATCTGAATGGAAGACTAACCAGAAGTAATGGTCGTGGAG
TCAGATTTGAGTGATGATGGCAAAGCATCTTTGGTGAGCGAGGAAGAGGAAGATGAAGAAGAAGATAAGG
CTACCCCTAGAAGAAGCAGGTCTAGAAGAAGTAGTATTGGTCTTCGAGTAGCCTTTCAGTCCCCACCAA
GAAGCTGGCCAACAACCAGATAAAAACAGTTCTTCCGAGCAGTTGTTTTCTAGCGCACGCTTACAGAAT
GAGAAAAAAACAATTTCTGAAAGAAAGAAAGACTGTAGACAGGTGATACAAGGGGAAGATTCTACCTCTG
AGTCTGAGGATGACTCTCGGGATGAGAGCCAGGAGAGTTCCAGATGCTTTGCTGAAAAGGACCATGAACAT
CAAGGAGAACAAGCCATGCTTGCCAGTTATTGGCGGAATTGAACTCGATGCCAGATTTCTTCCAGTA
CGAACCCCAACCTCAGCTTCTAGGAAGAAGACAGTGAGGCGGGCCTTCTCGGAGGGACAGATCACGCGGC
GTATGAACCAACCCGGAGTGCGCGGCCTCCTGAGAAGTTTGCTCTAGAGAACTTCACTGTCTCAGCCGC
TAAATTTGCGGAAGAGTTTTACAGCTTCCGAAGAAGGAAGACAATTGGGGGAAATGCCGGGAGTACAGA
CGACGTACCGTATATCTTTTTCGGCCAGTGGAGGATATACCGAAGAGGACTTAGAAAAATGTTGCCA
TAACTGTTTCGAGATAAAATCTATGATAAAAGTTCTGGGTAACACGTGCCATCAGTGTGACAAAAGACCAT
CGACACCAAGACAGTGTGTGCGAACCCAGGGTTGCTGTGGTGTGCGAGGACAGTTCTGTGGACCATGCCTG
CGGAACCGCTATGGGGAGGATGTCAGATCGGCATTGCTGGACCCGGATTGGGTGTGTCCCCCTGTCGTG
GGATCTGCAATTGCAGCTACTGTGCGAAGCGTGACGGCCGCTGTGCCACAGGAATCCTCATTATCTGGC
CAAGTTTTATGTTATGACAATGTTAAGGAATATCTGGAGAGCTTACAAAAGGAGCTGGTAGAAGACAAT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
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_001127370.3](#)

RefSeq ORF: 1263 bp

Locus ID: 55536

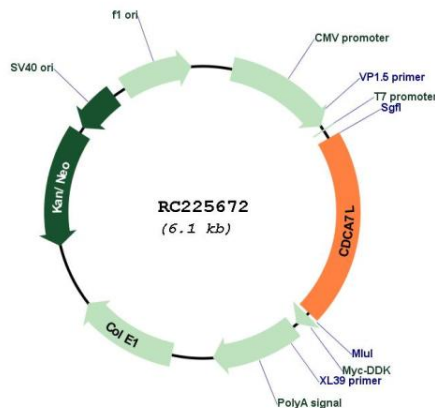
UniProt ID: [Q96GN5](#)

Cytogenetics: 7p15.3

MW: 48.1 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 RC225672