

## CSDC2 cDNA

Catalog Number: ATGD0433

### PRODUCT INFORMATION

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**Catalog number**

ATGD0433

**Product type**

cDNA

**Species**

Human

**NCBI Accession No.**

NP\_055275.1

**Alternative Names**

dj347H13.2, PIPPIN

**mRNA Refseq**

NM\_014460.3

**OMIM**

**Chromosome location**

22q13.2

### PRODUCT SPECIFICATION

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**Formulation**

Lyophilized

**Storage**

Store the plasmid at -20C.

**cDNA Size**

462bp

**Preparation before usage**

1. Centrifuge at 7000rpm for 1 minute.
2. Carefully open the vial and add 100ul of sterile water to dissolve the DNA. Each tube contains approximately 10ug of lyophilized plasmid.

**Vector description**

This shuttle vector contains the complete ORF. It is inseted BamH I to Xho I. The gene insert contains multiple cloning sites which can be used to easily cut and transfer the gene and recombination site into your expression vector.

**Cloning Vector**

pATGen (puc19-derived cloning vector)

**General Description**

CSDC2 (Cold Shock Domain Containing C2, RNA Binding) binds specifically to the very 3-UTR ends of both

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histone H1 and H3. 3 mRNAs, encompassing the polyadenylation signal. It might play a central role in the negative regulation of histone variant synthesis in the developing brain

### DATA

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#### Sequence nucleotides

```
ATGACTTCAGAGTCGACGTCACCCCCAGTTGTGCCCCGCTCCACTCCCCAAGTCCCAGTCTGGCCCACCTTCCCCTTCC  
ACAGGGAGGGCAGCAGGGTCTGGGAGCGGGGTGGTGTCCCACCTCGGGACCTACCCAGCCCTCTGCCACCAAGCGGAC  
CAGGACCTATTCAGCGACAGCCCCGGGCCTCAGCTGGCCCCGTGTTCAAGGGCGTCTGTAAGCAGTTCTCACGCTCACAGG  
GCCATGGCTTCATCACCCCCGAGAACGGGTCCGAGGACATCTTCGTACATGTGTCTGACATCGAGGGGGAGTACGTGCCAG  
TGGAGGGCGACGAGGTGACCTACAAGATGTGCCCTATCCCTCCCAAGAACCAGAAGTTCCAGGCCGTGGAGGTGGTGCTC  
ACTCAGCTGGCCCCCACACTCCCCACGAGACGTGGTCTGGCCAGGTCGTGGGCTCCTAG
```

#### Transaction Sequence

```
MTSESTSPPV VPPLHSPKSP VWPTFPFHRE GSRVWERGGV PPRDLPSPLP TKRTRTYSAT ARASAGPVFK GVCKQFSRSQ  
GHGFITPENG SEDIFVHVSD IEGEYVPVEG DEVTYKMCPI PPKNQKFQAV EVVLTQLAPH TPHETWSGQV VGS
```