

CSDC2 cDNA

Catalog Number: ATGD0433

PRODUCT INFORMATION

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

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

Sequence nucleotides

```
ATGACTTCAGAGTCGACGTCACCCCCAGTTGTGCCCCGCTCCACTCCCCCAAGTCCCAGTCTGGCCCACCTTCCCCTTCC  
ACAGGGAGGGCAGCAGGGTCTGGGAGCGGGGTGGTGTCCCACCTCGGGACCTACCCAGCCCTCTGCCACCAAGCGGAC  
CAGGACCTATTCAGCGACAGCCCCGGGCCTCAGCTGGCCCCGTGTTCAAGGGCGTCTGTAAGCAGTTCTCACGCTCACAGG  
GCCATGGCTTCATCACCCCCGAGAACGGGTCCGAGGACATCTTCGTACATGTGTCTGACATCGAGGGGGAGTACGTGCCAG  
TGGAGGGCGACGAGGTGACCTACAAGATGTGCCCTATCCCTCCCAAGAACCAGAAGTTCCAGGCCGTGGAGGTGGTGCTC  
ACTCAGCTGGCCCCCACACTCCCCACGAGACGTGGTCTGGCCAGGTCGTGGGCTCCTAG
```

Transaction Sequence

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