

CIAPIN1 cDNA

Catalog Number: ATGD0002

PRODUCT INFORMATION

Catalog number

ATGD0002

Product type

cDNA

Species

Human

NCBI Accession No.

NP_064709.2

Alternative Names

2810413N20Rik, Anamorsin, DRE2, PRO0915

mRNA Refseq

NM_020313.2

OMIM

608943

Chromosome location

16q21

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

939bp

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 Nde 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

CIAPIN1 cDNA

Catalog Number: ATGD0002

Anamorsin, also known as CIAPIN1, is primarily expressed in the cytoplasm of liver, pancreas and heart tissue cells and does not show any homology to known apoptosis regulatory molecules of the Bcl-2 or CASP families, or to signal transduction molecules. Expression of CIAPIN1 is dependent on growth factor stimulation. It is a ubiquitously expressed protein, and when it is overexpressed, it confers apoptotic resistance

DATA

Sequence nucleotides

```
ATGGCAGATT TTGGGATCTC TGCTGGCCAG TTTGTGGCAG TGGTCTGGGA TAAGTCATCC CCAGTGGAGG
CTCTGAAAGG TCTGGTGGAT AAGCTTCAAG CGTTAACCGG CAATGAGGGC CGCGTGTCTG TGGAAAACAT
CAAGCAGCTG TTGCAATCTG CCCACAAAGA ATCCAGCTTT GACATTATTT TGTCAGGTTT AGTCCCAGGA
AGCACCCTC TGCACAGTGC TGAGATTTTG GCTGAAATCG CCCGATCCT TCGGCCTGGT GGATGTCTTT
TTCTGAAGGA GCCAGTAGAG ACAGCTGTAG ATAACAATAG CAAAGTGAAG ACAGCATCTA AGCTGTGTTC
AGCCCTGACT CTTTCTGGTC TTGTGGAAGT GAAAGAGCTG CAGCGGGAGC CCCTAACCCC TGAGGAAGTA
CAGTCTGTTC GAGAACACCT TGGTCATGAA AGTGACAACC TGCTGTTTGT TCAGATCACA GGCAAAAAAC
CAAACCTTGA AGTGGGTCT TCTAGGCAGC TTAAGCTTTC CATCACCAAG AAGTCTTCTC CTTCAGTGAA
ACCTGCTGTG GACCCTGCTG CTGCCAAGCT GTGGACCCTC TCAGCCAACG ATATGGAGGA CGACAGCATG
GATCTCATTG ACTCAGATGA GCTGCTGGAT CCAGAAGATT TGAAGAAGCC AGATCCAGCT TCCCTGCGGG
CTGCTTCTTG TGGGGAAGGG AAAAAGAGGA AGGCCTGTAA GAACTGCACC TGTGGCCTTG CCGAAGAACT
GGAAAAAGAG AAGTCAAGGG AACAGATGAG CTCCCAACCC AAGTCAGCTT GTGGAACTG CTACCTGGGC
GATGCCTTCC GCTGTGCCAG CTGCCCCTAC CTTGGGATGC CAGCCTTCAA ACCTGGGGAA AAGGTGCTTC
TGAGTGATAG CAATCTTCAT GATGCCTAG
```

Transaction Sequence

```
MADFGISAGQ FVAVVWDKSS PVEALKGLVD KLQALTGNEG RVSVENIKQL LQSAHKESF DIILSGLVPG STTLHSAEIL
AEIARILRPG GCLFLKEPVE TAVDNNSKVK TASKLCSALT LSGLVEVKEL QREPLTPEEV QSVREHLGHE SDNLLFVQIT
GKKPNFEVGS SRQLKLSITK KSSPSVKPAV DPAAAKLWTL SANDMEDDSM DLIDSDELLD PEDLKCPDPA SLRAASCGEG
KKRKACKNCT CGLAEELEKE KSREQMSSQP KSACGNCYLK DAFRCASCPY LGMPAFKPGE KVLLSDSNLH DA
```