

CYREN cDNA

Catalog Number: ATGD0417

PRODUCT INFORMATION

Catalog number

ATGD0417

Product type

cDNA

Species

Human

NCBI Accession No.

NP_076938.2

Alternative Names

Cell cycle regulator of non-homologous end joining, modulator of retrovirus infection homolog, MRI, C7orf49

mRNA Refseq

NM_024033.2

OMIM

Chromosome location

7q33

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

474bp

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

MRI (modulator of retrovirus infection homolog) characterizes the hamster ortholog and suggests that it may

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modulate the ability of the proteasome to degrade retroviral cores upon cellular infection.

DATA

Sequence nucleotides

```
ATGGAAACCTTACAATCCGAGACTAAAACGAGGGTCCTTCCCTCATGGCTGACAGCCCAGGTGGCTACAAAGAATGTGGCA  
CCAATGAAGGCCCAAGAGGATGAGAATGGCAGCAGTGCCAGTGGCAGCAGCAAGACTCCCTGCGACAAGGACTGTGTA  
CTGCATGAATGAGGCTGAGATAGTTGATGTTGCTCTGGGAATCCTGATTGAGAGCCGCAACAGGAAAAGGCCTGCGAGCA  
GCCGGCCCTGGCGGGGGCTGATAACCCAGAGCACTCCCCTCCCTGCTCCGTGTCGCCTCACACAAGTTCTGGGAGCAGCA  
GTGAGGAAGAGGACAGTGGGAAACAGGCACTGGCTCCAGGCCTCAGCCCTTCCCAGAGGCCGGGGGGTTCCAGCTCTGC  
CTGTAGCAGGAGCCCTGAGGAGGAGGAGGAAGAGGATGTGCTGAAATACGTCCGGGAGATCTTTTTTCAGCTAG
```

Transaction Sequence

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METLQSETKT RVLPSWLTAQ VATKNVAPMK APKRMRMAAV PVAAARLPAT RTVYCMNEAE IVDVALGILI ESRKQEKACE  
QPALAGADNP EHSPPCSVSP HTSSGSSSEE EDSGKQALAP GLSPSQRPGG SSSACRSRPE EEEEEEDVLKY VREIFFS
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