

MRTO4 cDNA

Catalog Number: ATGD0227

PRODUCT INFORMATION

Catalog number

ATGD0227

Product type

cDNA

Species

Human

NCBI Accession No.

NP_057267.2

Alternative Names

C1orf33, dj657E11.4, MRT4

mRNA Refseq

NM_016183.3

OMIM

Chromosome location

1p36.13

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

720bp

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

MRTO4 encodes a protein sharing a low level of sequence similarity with ribosomal protein P0. While the precise

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function of the encoded protein is currently unknown, it appears to be involved in mRNA turnover and ribosome assembly.

DATA

Sequence nucleotides

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ATGCCCAAATCCAAGCGGACAAGAAAGTCTCCTTAACCAAACTGCCAAGAAAGGCTTGGAATTGAAACAAAACCTGATAG
AAGAGCTTCGGAAATGTGTGGACACCTACAAGTACCTTTTCATCTTCTGTGGCCAACATGAGGAACAGCAAGCTGAAGGA
CATCCGGAACGCCTGGAAGCACAGCCGGATGTTCTTTGGCAAAAACAAGGTGATGATGGTGGCCTTGGGTTCGGAGCCCAT
CTGATGAATACAAAGACAACCTGCACCAGGTGAGCAAAAGGTTGAGGGGTGAGGTGGGTCTCCTGTTACCAACCGCACAA
AGGAGGAGGTGAATGAGTGGTTCACGAAATACACAGAAATGGACTACGCCCAGCTGGTAACAAAGCAGCTTTCACTGTGA
GCCTGGATCCAGGGCCCCTGGAGCAGTTCCTCCACTCCATGGAGCCACAGCTCAGGCAGCTGGGCCTGCCACCGCCCTC
AAGAGAGGTGTGGTACTCTGCTGTCTGACTACGAGGTGTGCAAGGAGGGCGATGTGCTGACCCCAGAGCAGGCTCGCGT
CCTGAAGCTTTTTGGGTATGAGATGGCTGAATTCAAGGTGACCATCAAATACATGTGGGATTACAGTCGGGAAGGTTCCA
GCAGATGGGAGACGACTTGCCAGAGAGCGCATCTGAGTCCACAGAAGAGTCAGACTCAGAAGATGATGACTGA
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Transaction Sequence

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MPKSKRDKKV SLTKTAKKGL ELKQNLIEEL RKCVDTYKYL FIFSVANMRN SKLKDIRNAW KHSRMFFGKN KVMMVALGRS
PSDEYKDNLH QVSKRLRGEV GLLFTNRTKE EVNEWFTKYT EMDYARAGNK AAFTVSLDPG PLEQFPHSME PQLRQLGLPT
ALKRGVVTL SDYEVCKEGD VLTPEQARVL KLFGYEMAEF KVTIKYMWDS QSGRFQMGD DLPESASEST EESDSEDDD
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