

## MT2A cDNA

Catalog Number: ATGD0498

### PRODUCT INFORMATION

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**Catalog number**

ATGD0498

**Product type**

cDNA

**Species**

Human

**NCBI Accession No.**

NP\_005944.1

**Alternative Names**

MT2

**mRNA Refseq**

NM\_005953.3

**OMIM**

156360

**Chromosome location**

16q13

### PRODUCT SPECIFICATION

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**Formulation**

Lyophilized

**Storage**

Store the plasmid at -20C.

**cDNA Size**

186bp

**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**

## MT2A cDNA

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MT2A (Metallothionein 2A) belongs to lncRNA RNA class. Diseases associated with MT2A include cerebral lymphoma and prostate cancer.

### DATA

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#### Sequence nucleotides

ATGGATCCCAACTGCTCCTGCGCCGCCGGTGACTCCTGCACCTGCGCCGGCTCCTGCAAATGCAAAGAGTGCAAATGCACC  
TCCTGCAAGAAAAGCTGCTGCTCCTGCTGCCCTGTGGGCTGTGCCAAGTGTGCCCAGGGCTGCATCTGCAAAGGGGCGTC  
GGACAAGTGCAGCTGCTGCGCCTGA

#### Transaction Sequence

MDPNCSCAAG DSCTCAGSCK CKECKCTSCK KSCCSCCPVG CAKCAQGCIC KGASDKCSCCA