

MT3 cDNA

Catalog Number: ATGD0500

PRODUCT INFORMATION

Catalog number

ATGD0500

Product type

cDNA

Species

Human

NCBI Accession No.

NP_005945.1

Alternative Names

GIF, GIFB, GRIF, ZnMT3

mRNA Refseq

NM_005954.2

OMIM

139255

Chromosome location

16q13

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

207bp

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

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MT3 (Metallothionein 3) belongs to lncRNA RNA class. Diseases associated with MT3 include pancreatic serous cystadenoma and prostate cancer. MT3 contains three zinc and three copper atoms per polypeptide chain and only a negligible amount of cadmium.

DATA

Sequence nucleotides

```
ATGGACCCTGAGACCTGCCCCTGCCCTTCTGGTGGCTCCTGCACCTGCGCGGACTCCTGCAAGTGCAGGGATGCAAATGC
ACCTCCTGCAAGAAGAGCTGCTGCTCCTGCTGCCCTGCGGAGTGTGAGAAGTGTGCCAAGGACTGTGTGTGCAAAGGCGG
AGAGGCAGCTGAGGCAGAAGCAGAGAAGTGCAGCTGCTGCCAGTGA
```

Transaction Sequence

```
MDPETCPCPS GGSCTCADSC KCEGCKTSC KKSCCSCCPA ECEKCAKDCV CKGGEEAEAEKSCCQ
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