

NPM3 cDNA

Catalog Number: ATGD0392

PRODUCT INFORMATION

Catalog number

ATGD0392

Product type

cDNA

Species

Human

NCBI Accession No.

NP_008924.1

Alternative Names

PORMIN, TMEM123

mRNA Refseq

NM_006993.2

OMIM

606456

Chromosome location

10q24.31

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

537bp

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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NPM3 is related to the nuclear chaperone phosphoproteins, nucleoplasmin and nucleophosmin. NPM3 is strongly expressed in diverse cell types where it localizes primarily to the nucleus. Based on its similarity to nucleoplasmin and nucleophosmin, NPM3 likely functions as a molecular chaperone in the cell nucleus.

DATA

Sequence nucleotides

```
ATGGCCGCGGTAAGTGCAGCTGCCTTAGCGTTTTTGTAGTCAGGAGAGCCGAACGCGGGCCGGGGGTGTCGGGGGCCTAC
GGGTCCCGGCCCCGGTCACTATGGACAGTTTTTCTTCGGCTGTGAGCTCTCCGGCCACACCCGCTCCTTCACCTTTAAGGT
AGAGGAAGAGGATGATGCGGAGCACGTGCTGGCACTAACCATGCTCTGCCTCACCAGGGAGCCAAAGACGAGTGTAAATG
TGGTAGAAGTTGTGGCCCCGAACCATGACCATCAGGAGATCGCAGTCCCTGTGGCCAACCTCAAGCTGTCCTGCCAACCCA
TGCTCAGTCTGGATGACTTCCAGCTCCAACCACCTGTAACCTTCCGCCTGAAGTCGGGCTCTGGCCCTGTGCGGATCACTG
GGCGGCACCAGATTGTTACGATGAGCAATGATGTTTCTGAGGAGGAGAGCGAGGAAGAGGAAGAGGACAGTGATGAGGAA
GAAGTTGAGCTGTGCCCCATCCTTCTGCCAAAAAGCAGGGGGGCAGGCCCTAG
```

Transaction Sequence

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MAAGTAAALA FLSQESRTRA GVGGLRVPA PVTMDSFFFG CELSGHTRSF TFKVEEEDDAEHVLAALMLC LTEGAKDECN
VVEVVARNHD HQEIAVPVAN LKLSCQMLS LDDFQLQPPVTFRLKSGSGP VRITGRHQIV TMSNDVSEEE SEEEEDSDE
EEVELCPILP AKKQGGRP
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