

## **RBPMS cDNA**

Catalog Number: ATGD0338

### **PRODUCT INFORMATION**

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**Catalog number**

ATGD0338

**Product type**

cDNA

**Species**

Human

**NCBI Accession No.**

NP\_001008710.1

**Alternative Names**

HERMES

**mRNA Refseq**

NM\_001008710.2

**OMIM**

601558

**Chromosome location**

8p12

### **PRODUCT SPECIFICATION**

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**Formulation**

Lyophilized

**Storage**

Store the plasmid at -20C.

**cDNA Size**

591bp

**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**

## RBPM5 cDNA

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RBPM5 encodes a member of the RNA recognition motif family of RNA-binding proteins. The RNA recognition motif consists of two short stretches of conserved sequence, as well as a few highly conserved hydrophobic residues. The encoded protein has a single, putative RNA recognition motif in its N-terminus. Alternative splicing results in multiple transcript variants encoding different isoforms.

### DATA

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#### Sequence nucleotides

```
ATGAACAACGGCGGCAAAGCCGAGAAGGAGAACACCCCGAGCGAGGCCAACCTTCAGGAGGAGGAGGTCCGGACCCTAT
TTGTCAGTGGCCTTCCTCTGGATATCAAACCTCGGGAGCTCTATCTGCTTTTCAGACCATTTAAGGGCTATGAGGGTTCTCTT
ATAAAGCTCACATCTAAACAGCCTGTAGGTTTTGTGAGTTTTGACAGTCGCTCAGAAGCAGAGGCTGCAAAGAATGCTTTGA
ATGGCATCCGCTTCGATCCTGAAATTCCGCAAACACTACGACTAGAGTTTGCTAAGGCAAACACGAAGATGGCCAAGAACAA
ACTCGTAGGGACTCCAAACCCAGTACTCCTCTGCCAACACTGTACCTCAGTTCATTGCCAGAGAGCCATATGAGCTCACA
GTGCCTGCACTTTACCCAGTAGCCCTGAAGTGTGGGCCCCCGTACCCTCTGTACCCAGCGGAGTTAGCGCCTGCTCTACCT
CCTCCTGCTTTACCTATCCCGCTTCACTGCATGCCAGATGCGCTGGCTCCCTCCCTCCGAGGCTACTTCTCAGGGCTGGA
AGTCCCGTCAGTTCTGCTGA
```

#### Transaction Sequence

```
MNNGGKAEKE NTPSEANLQE EEVRTLFVSG LPLDIKPREL YLLFRPFKGY EGSLIKLTSK QPVG FVSFDS RSEAEAAKNA
LNGIRFDPEI PQTLRLEFAK ANTKMAKNKL VGTPNPSTPL PNTVPQFIAR EPYELTVPAL YPSSPEVWAP YPLYP AELAP
ALPPPAFTYP ASLHAQMRWL PPSEATSQGW KSRQFC
```