

RBM3 cDNA

Catalog Number: ATGD0429

PRODUCT INFORMATION

Catalog number

ATGD0429

Product type

cDNA

Species

Human

NCBI Accession No.

NP_006734.1

Alternative Names

IS1-RNPL, RNPL

mRNA Refseq

NM_006743.4

OMIM

300027

Chromosome location

Xp11.2

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

474bp

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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RBM3 is a member of the glycine-rich RNA-binding protein family and encodes a protein with one RNA recognition motif (RRM) domain. Expression of this gene is induced by cold shock and low oxygen tension. A pseudogene exists on chromosome 1. Multiple alternatively spliced transcript variants that are predicted to encode different isoforms have been characterized although some of these variants fit nonsense-mediated decay (NMD) criteria.

DATA

Sequence nucleotides

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ATGTCCTCTGAAGAAGGAAAGCTCTTCGTGGGAGGGCTCAACTTTAACACCGACGAGCAGGCACTGGAAGACCACTTCAGC
AGTTTCGGACCTATCTCTGAGGTGGTCGTTGTCAAGGACCGGGAGACTCAGCGGTCCAGGGGTTTTGGTTTCATCACCTTC
ACCAACCCAGAGCATGCTTCAGTTGCCATGAGAGCCATGAACGGAGAGTCTCTGGATGGTCGTCAGATCCGTGTGGATCAT
GCAGGCAAGTCTGCTCGGGGAACCAGAGGAGGTGGCTTTGGGGCCCATGGGCGTGGTCGCAGCTACTCTAGAGGTGGTG
GGGACCAGGGCTATGGGAGTGGCAGGTATTATGACAGTCGACCTGGAGGGTATGGATATGGATATGGACGTTCCAGAGAC
TATAATGGCAGAAACCAGGGTGGTTATGACCGCTACTCAGGAGGAAATTACAGAGACAATTATGACAACTGA
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Transaction Sequence

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MSSEEGKLFV GGLNFNTDEQ ALEDHFSSFG PISEVVVKD RETQSRGFG FITFTNPEHA SVAMRAMNGE SLDGRQIRVD
HAGKSARGTR GGGFGAHGRG RSYSRGGGDQ GYGSGRYDS RPPGYGYGYG RSRDYNGRNQ GGYDRYSGGN YRDNYDN
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