

SNRPD2 cDNA

Catalog Number: ATGD0249

PRODUCT INFORMATION

Catalog number

ATGD0249

Product type

cDNA

Species

Human

NCBI Accession No.

NP_004588.1

Alternative Names

Sm-D2, SMD2, SNRPD1

mRNA Refseq

NM_004597.5

OMIM

601061

Chromosome location

19q13.2

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

357bp

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

SNRPD2 cDNA

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SNRPD2 encoded by this gene belongs to the small nuclear ribonucleoprotein core protein family. SNRPD2 is required for pre-mRNA splicing and small nuclear ribonucleoprotein biogenesis. Multiple transcript variants encoding different isoforms have been found for SNRPD2.

DATA

Sequence nucleotides

```
ATGAGCCTCCTCAACAAGCCCAAGAGTGAGATGACCCCAGAGGAGCTGCAGAAGCGAGAGGAGGAGGAATTTAACACCGG
TCCACTCTCTGTGCTCACACAGTCAGTCAAGAACAATACCCAAGTGCTCATCAACTGCCGCAACAATAAGAACTCCTGGGC
CGCGTGAAGGCCTTCGATAGGCACTGCAACATGGTGCTGGAGAACGTGAAGGAGATGTGGACTGAGGTACCCAAGAGTGG
CAAGGGCAAGAAGAAGTCCAAGCCAGTCAACAAAGACCGCTACATCTCCAAGATGTTCTCGCGGGGACTCAGTCATCGT
GGTCCTGCGGAACCCGCTCATCGCCGGCAAGTAG
```

Transaction Sequence

```
MSLLNPKPSE MTPEELQKRE EEEFNTGPLS VLTQSVKNNT QVLINCRNKK KLLGRVKAFDRHCNMVLENV KEMWTEVPKS
GKGKKKSKPV NKDRYISKMF LRGDSVIVVL RNPLIAGK
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