

SNRPD1 cDNA

Catalog Number: ATGD0248

PRODUCT INFORMATION

Catalog number

ATGD0248

Product type

cDNA

Species

Human

NCBI Accession No.

NP_008869.1

Alternative Names

HsT2456, Sm-D1, SMD1, SNRPD

mRNA Refseq

NM_006938.3

OMIM

601063

Chromosome location

18q11.2

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

360bp

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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SNRPD1 encodes a small nuclear ribonucleoprotein that belongs to the SNRNP core protein family. SNRPD1 may act as a charged protein scaffold to promote SNRNP assembly or strengthen SNRNP-SNRNP interactions through nonspecific electrostatic contacts with RNA. Two transcript variants encoding different isoforms have been found for this gene.

DATA

Sequence nucleotides

```
ATGAAGCTCGTGAGATTTTTGATGAAATTGAGTCATGAAACTGTAACCATTGAATTGAAGAACGGAACACAGGTCCATGGAA  
CAATCACAGGTGTGGATGTCAGCATGAATACACATCTTAAAGCTGTGAAAATGACCCTGAAGAACAGAGAACCTGTACAGCT  
GGAAACGCTGAGTATTCGAGGAAATAACATTCGGTATTTTATTCTACCAGACAGTTTACCTCTGGATACACTACTTGTGGATG  
TTGAACCTAAGGTGAAATCTAAGAAAAGGGAAGCTGTTGCAGGAAGAGGCAGAGGAAGAGGAAGAGGAAGAGGACGTGG  
CCGTGGCAGAGGAAGAGGGGGTCTAGGCGATAA
```

Transaction Sequence

```
MKLVRFLMKL SHETVTIELK NGTQVHGTIT GVDVSMNTHL KAVKMTLKNR EPVQLETLSIRGNNIRYFIL PDSLPLDTLL  
VDVEPKVKSK KREAVAGRGR GRGRGRGRGR GRGRGGPRR
```