

## 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**

## SNRPD1 cDNA

Catalog Number: ATGD0248

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

```
ATGAAGCTCGTGAGATTTTGGATGAAATTGAGTCATGAACTGTAACCATTGAATTGAAGAACGGAACACAGGTCCATGGAA
CAATCACAGGTGTGGATGTCAGCATGAATACACATCTTAAAGCTGTGAAAATGACCCTGAAGAACAGAGAACCTGTACAGCT
GGAAACGCTGAGTATTCGAGGAAATAACATTCGGTATTTTATTCTACCAGACAGTTTACCTCTGGATACACTACTTGTGGATG
TTGAACCTAAGGTGAAATCTAAGAAAAGGGAAGCTGTTGCAGGAAGAGGCAGAGGAAGAGGAAGAGGAAGAGGACGTGG
CCGTGGCAGAGGAAGAGGGGGTCCTAGGCGATAA
```

#### Transaction Sequence

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