

## SRP19 cDNA

Catalog Number: ATGD0475

### PRODUCT INFORMATION

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**Catalog number**

ATGD0475

**Product type**

cDNA

**Species**

Human

**NCBI Accession No.**

NP\_003126.1

**Alternative Names**

**mRNA Refseq**

NM\_003135.2

**OMIM**

182175

**Chromosome location**

5q21-q22

### PRODUCT SPECIFICATION

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**Formulation**

Lyophilized

**Storage**

Store the plasmid at -20C.

**cDNA Size**

435bp

**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**

SRP19 (Signal Recognition Particle 19kDa) belongs to the SRP19 family. It binds directly to 7S RNA and mediates

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binding of the 54 kDa subunit of the SRP.

### DATA

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#### Sequence nucleotides

```
ATGGCTTGCGCTGCCGCGCGGTCCCCGGCCGACCAGGACAGGTTTATTTGTATCTATCCTGCTTATTTAAATAATAAGAAGA  
CCATCGCAGAGGGAAGGCGAATCCCCATAAGTAAGGCTGTTGAAAATCCTACAGCTACAGAGATTCAAGATGTATGTTTCAG  
CAGTTGGACTTAACGTATTTCTTGAGAAAAATAAAATGTAAGTCTAGAGAATGGAATCGTGATGTCCAATACAGAGGCAGAGT  
CCGGGTCCAGCTCAAACAGGAAGATGGGAGCCTCTGCCTTGTACAGTTCCCATCACGTAAGTCAGTAATGTTGTATGCAGC  
AGAAATGATACCTAAACTAAAAACAAGGACACAAAAACAGGAGGTGCTGACCAAAGTCTTCAACAAGGAGAGGGAAGTAA  
AAAAGGGAAAGGAAAGAAAAAGAAGTAA
```

#### Transaction Sequence

```
MACAAARSPA DQDRFICIYP AYLNNKKTIA EGRRIPISKA VENPTATEIQ DVCSAVGLNVFLEKNKMYSR EWNRDVQYRG  
RVRVQLKQED GSLCLVQFPS RKSVMLYAAE MIPKLKTRTQKTGGADQSLQ QGEGSKKGKG KKKK
```