

SRP19 cDNA

Catalog Number: ATGD0475

PRODUCT INFORMATION

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

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

Sequence nucleotides

```
ATGGCTTGCGCTGCCGCGCGGTCCCCGGCCGACCAGGACAGGTTTATTTGTATCTATCCTGCTTATTTAAATAATAAGAAGA  
CCATCGCAGAGGGAAGGCGAATCCCATAAGTAAGGCTGTTGAAAATCCTACAGCTACAGAGATTCAAGATGTATGTTTCAG  
CAGTTGGACTTAACGTATTTCTTGAGAAAAATAAAATGTAAGTCTAGAGAATGGAATCGTGATGTCCAATACAGAGGCAGAGT  
CCGGGTCCAGCTCAAACAGGAAGATGGGAGCCTCTGCCTTGTACAGTTCCCATCACGTAAGTCAGTAATGTTGTATGCAGC  
AGAAATGATACCTAAACTAAAAACAAGGACACAAAAACAGGAGGTGCTGACCAAAGTCTTCAACAAGGAGAGGGAAGTAA  
AAAAGGGAAAGGAAAGAAAAAGAAGTAA
```

Transaction Sequence

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