

RPS15 cDNA

Catalog Number: ATGD0473

PRODUCT INFORMATION

Catalog number

ATGD0473

Product type

cDNA

Species

Human

NCBI Accession No.

NP_001009.1

Alternative Names

RIG, S15

mRNA Refseq

NM_001018.4

OMIM

180535

Chromosome location

19p13.3

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

438bp

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

RPS15 cDNA

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RPS15 is a ribosomal protein that is a component of the 40S subunit. It belongs to the S19P family of ribosomal proteins. RPS15 is located in the cytoplasm. RPS15 has been found to be activated in various tumors, such as insulinomas, esophageal cancers, and colon cancers. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of RPS15 dispersed through the genome.

DATA

Sequence nucleotides

```
ATGGCAGAAGTAGAGCAGAAGAAGAAGCGGACCTTCCGCAAGTTCACCTACCGCGGCGTGGACCTCGACCAGCTGCTGGA
CATGTCCTACGAGCAGCTGATGCAGCTGTACAGTGC GCGCCAGCGGCGGCGGCTGAACCGGGGCCTGCGGCGGAAGCAG
CACTCCCTGCTGAAGCGCCTGCGCAAGGCCAAGAAGGAGGCGCCGCCCATGGAGAAGCCGGAAGTGGTGAAGACGCACC
TGCGGGACATGATCATCCTACCCGAGATGGTGGGCAGCATGGTGGGCGTCTACAACGGCAAGACCTTCAACCAGGTGGAG
ATCAAGCCCGAGATGATCGGCCACTACCTGGGCGAGTTCTCCATCACCTACAAGCCCGTAAAGCATGGCCGGCCCGGCATC
GGGGCCACCCACTCCTCCCGCTTCATCCCTCTCAAGTAA
```

Transaction Sequence

```
MAEVEQKKKR TFRKFTYRGV DLDQLLDMSY EQLMQLYSAR QRRRLNRGLR RKQHSLLKRLRKAKKEAPPM EKPEVVKTHL
RDMIILPEMV GSMVG VYNGK TFNQVEIKPE MIGHYLG EFSITYKPVKHGR PGIGATHSSR FIPLK
```