

RPS16 cDNA

Catalog Number: ATGD0469

PRODUCT INFORMATION

Catalog number

ATGD0469

Product type

cDNA

Species

Human

NCBI Accession No.

NP_001011.1

Alternative Names

S16

mRNA Refseq

NM_001020.4

OMIM

603675

Chromosome location

19q13.1

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

441bp

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

RPS16 cDNA

Catalog Number: ATGD0469

RPS16 is a ribosomal protein that is a component of the 40S subunit. The protein belongs to the S9P family of ribosomal proteins. RPS16 is located in the cytoplasm. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of RPS16 dispersed through the genome.

DATA

Sequence nucleotides

```
ATGCCGTCCAAGGGCCCGCTGCAGTCTGTGCAGGTCTTCGGACGCAAGAAGACAGCGACAGCTGTGGCGCACTGCAAACG
CGGCAATGGTCTCATCAAGGTGAACGGGGCGGCCCTGGAGATGATTGAGCCGCGCACGCTACAGTACAAGCTGCTGGAGC
CAGTTCTGCTTCTCGGCAAGGAGCGATTTGCTGGTGTAGACATCCGTGTCCGTGTAAGGGTGGTGGTTCACGTGGCCCAGA
TTTATGCTATCCGTGAGTCCATCTCCAAAGCCCTGGTGGCCTATTACCAGAAATATGTGGATGAGGCTTCCAAGAAGGAGAT
CAAAGACATCCTCATCCAGTATGACCGGACCCTGCTGGTAGCTGACCCTCGTCGCTGCGAGTCCAAAAAGTTTGGAGGCC
TGGTGCCCGCGCTCGCTACCAGAAATCCTACCGATAA
```

Transaction Sequence

```
MPSKGPLQSV QVFGRRKTAT AVAHCKRNG LIKVNRPLE MIEPRTLQYK LLEPVLLLGKERFAGVDIRV RVKGGGHVAQ
IYAIRQSISK ALVYYQKYV DEASKKEIKD ILIQYDRTLLVADPRRCESK KFGGPGARAR YQKSYR
```