

RPS12 cDNA

Catalog Number: ATGD0483

PRODUCT INFORMATION

Catalog number

ATGD0483

Product type

cDNA

Species

Human

NCBI Accession No.

NP_001007.2

Alternative Names

S12

mRNA Refseq

NM_001016.3

OMIM

603660

Chromosome location

6q23.2

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

399bp

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

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RPS12 is a ribosomal protein that is a component of the 40S subunit. The protein belongs to the S12E family of ribosomal proteins. It is located in the cytoplasm. Increased expression of this gene in colorectal cancers compared to matched normal colonic mucosa has been observed. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.

DATA

Sequence nucleotides

```
ATGGCCGAGGAAGGCATTGCTGCTGGAGGTGTAATGGACGTTAATACTGCTTTACAAGAGGTTCTGAAGACTGCCCTCATC
CACGATGGCCTAGCACGTGGAATTCGCGAAGCTGCCAAAGCCTTAGACAAGCGCCAAGCCCATCTTTGTGTGCTTGCATCC
AACTGTGATGAGCCTATGTATGTCAAGTTGGTGGAGGCCCTTTGTGCTGAACACCAAATCAACCTAATTAAGGTTGATGACA
ACAAGAACTAGGAGAATGGGTAGGCCTTTGTAAAATTGACAGAGAGGGGAAACCCCGTAAAGTGGTTGGTTGCAGTTGTG
TAGTAGTTAAGGACTATGGCAAGGAGTCTCAGGCCAAGGATGTCATTGAAGAGTATTTCAAATGCAAGAAATGA
```

Transaction Sequence

```
MAEEGIAAGG VMDVNTALQE VLKTALIH DG LARGIREAAK ALDKRQAHLC VLASNCDEPMYVKLV EALCA EHQINLIKVD
DNKKLGEWVG LCKIDREGKP RKVVGCS CVV VKDYGKESQAKDVIEEYFKC KK
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