

RPS10 cDNA

Catalog Number: ATGD0402

PRODUCT INFORMATION

Catalog number

ATGD0402

Product type

cDNA

Species

Human

NCBI Accession No.

NP_001190174.1

Alternative Names

DBA9, S10

mRNA Refseq

NM_001203245.2

OMIM

603632

Chromosome location

6p21.31

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

498bp

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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RPS10 is a ribosomal protein that is a component of the 40S subunit and belongs to the S10E family of ribosomal proteins. It is located in the cytoplasm. Variable expression of this gene in colorectal cancers compared to adjacent normal tissues has been observed, although no correlation between the level of expression and the severity of the disease has been found. Alternate splicing results in multiple transcript variants that encode the same protein.

DATA

Sequence nucleotides

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ATGTTGATGCCTAAGAAGAACCGGATTGCCATTTATGAACTCCTTTTTAAGGAGGGAGTCATGGTGGCCAAGAAGGATGTCC
ACATGCCTAAGCACCCGGAGCTGGCAGACAAGAATGTGCCCAACCTTCATGTCATGAAGGCCATGCAGTCTCTCAAGTCCC
GAGGCTACGTGAAGGAACAGTTTGCCTGGAGACATTTCTACTGGTACCTTACCAATGAGGGTATCCAGTATCTCCGTGATTA
CCTTCATCTGCCCCCGGAGATTGTGCCTGCCACCCTACGCCGTAGCCGTCCAGAGACTGGCAGGCCTCGGCCTAAAGGTCT
GGAGGGTGAGCGACCTGCGAGACTCACAAGAGGGGAAGCTGACAGAGATACCTACAGACGGAGTGCTGTGCCACCTGGT
GCCGACAAGAAAGCCGAGGCTGGGGCTGGGTCAGCAACCGAATTCCAGTTTAGAGGCGGATTTGGTCGTGGACGTGGTCA
GCCACCTCAGTAA
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Transaction Sequence

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MLMPKKNRIA IYELLFKEGV MVAKKDVHMP KHP ELADKNV PNLHVMKAMQ SLKSRGYVKE QFAWRHFWY LTNEGIQYLR
DYLHLPPEIV PATLRRSRPE TGRPRPKGLE GERPARLTRG EADRDTYRRS AVPPGADKKA EAGAGSATEF QFRGGFGRGR
GPPQ
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