## 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 Iocation

6p21.31

## PRODUCT SPECIFICATION

## Formulation

Lyophilized

## Storage

Store the plasmid at -20C.
cDNA Size
498bp

## Preparation before usage

1. Centrifuge at 7000 rpm for 1 minute.
2. Carefully open the vial and add 100 ul of sterile water to dissolve the DNA.

Each tube contains approximately 10 ug 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

RPS10 is a ribosomal protein that is a component of the 40 S 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

ATGTTGATGCCTAAGAAGAACCGGATTGCCATTTATGAACTCCTTTTTAAGGAGGGAGTCATGGTGGCCAAGAAGGATGTCC ACATGCCTAAGCACCCGGAGCTGGCAGACAAGAATGTGCCCAACCTTCATGTCATGAAGGCCATGCAGTCTCTCAAGTCCC GAGGCTACGTGAAGGAACAGTTTGCCTGGAGACATTTCTACTGGTACCTTACCAATGAGGGTATCCAGTATCTCCGTGATTA CCTTCATCTGCCCCCGGAGATTGTGCCTGCCACCCTACGCCGTAGCCGTCCAGAGACTGGCAGGCCTCGGCCTAAAGGTCT GGAGGGTGAGCGACCTGCGAGACTCACAAGAGGGGAAGCTGACAGAGATACCTACAGACGGAGTGCTGTGCCACCTGGT GCCGACAAGAAAGCCGAGGCTGGGGCTGGGTCAGCAACCGAATTCCAGTTTAGAGGCGGATTTGGTCGTGGACGTGGTCA GCCACCTCAGTAA

## Transaction Sequence

MLMPKKNRIA IYELLFKEGV MVAKKDVHMP KHPELADKNV PNLHVMKAMQ SLKSRGYVKE QFAWRHFYWY LTNEGIQYLR DYLHLPPEIV PATLRRSRPE TGRPRPKGLE GERPARLTRG EADRDTYRRS AVPPGADKKA EAGAGSATEF QFRGGFGRGR GQPPQ

