

RPS14 cDNA

Catalog Number: ATGD0022

PRODUCT INFORMATION

Catalog number

ATGD0022

Product type

cDNA

Species

Human

NCBI Accession No.

NP_001020242.1

Alternative Names

EMTB, S14

mRNA Refseq

NM_001025071.1

OMIM

130620

Chromosome location

5q31-q33

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

456bp

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

RPS14 cDNA

Catalog Number: ATGD0022

Ribosomal protein S14, also known as RPS14, is a ribosomal protein. Ribosomes, the organelles that catalyze protein synthesis, are composed of a small subunit and a large subunit that consist of over 80 distinct ribosomal proteins. RPS14 is a component of the 40S subunit that localized to the cytoplasm

DATA

Sequence nucleotides

```
ATGGCACCTC GAAAGGGGAA GGAAAAGAAG GAAGAACAGG TCATCAGCCT CGGACCTCAG GTGGCTGAAG
GAGAGAATGT ATTTGGTGTC TGCCATATCT TTGCATCCTT CAATGACACT TTTGTCCATG TCACTGATCT TTCTGGCAAG
GAAACCATCT GCCGTGTGAC TGGTGGGATG AAGGTAAAGG CAGACCGAGA TGAATCCTCA CCATATGCTG
CTATGTTGGC TGCCCAGGAT GTGGCCCAGA GGTGCAAGGA GCTGGGTATC ACCGCCCTAC ACATCAAAC
CCGGGCCACA GGAGGAAATA GGACCAAGAC CCCTGGACCT GGGGCCCAGT CGGCCCTCAG AGCCCTTGCC
CGCTCGGGTA TGAAGATCGG GCGGATTGAG GATGTCACCC CCATCCCCTC TGACAGCACT CGCAGGAAGG
GGGTCGCCG TGGTCGCCGT CTGTGA
```

Transaction Sequence

```
MAPRKGKEKK EEQVISLGPQ VAEGENVFGV CHIFASFNDT FVHVTDLGK ETICRVTTGGM KVKADRDESS PYAAMLAAQD
VAQRCKELGI TALHIKLRAT GGNRTKTPGP GAQSALRALA RSGMKIGRIE DVTPIPSDST RRKGRRGR L
```