

RPS24 cDNA

Catalog Number: ATGD0481

PRODUCT INFORMATION

Catalog number

ATGD0481

Product type

cDNA

Species

Human

NCBI Accession No.

NP_148982.1

Alternative Names

DBA3, S24

mRNA Refseq

NM_033022.3

OMIM

602412

Chromosome location

10q22

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

393bp

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

RPS24 cDNA

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40S ribosomal protein S24 isoform a, also known as RPS24, belongs to the S24E family of ribosomal proteins. It is located in the cytoplasm. Multiple transcript variants encoding different isoforms have been found for this gene. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. Mutations in this gene result in Diamond-Blackfan anemia.

DATA

Sequence nucleotides

```
ATGAACGACACCGTAACTATCCGCACTAGAAAGTTCATGACCAACCGACTACTTCAGAGGAAACAAATGGTCATTGATGTCC
TTCACCCCGGGAAGGCGACAGTGCCTAAGACAGAAATTCGGGAAAACTAGCCAAAATGTACAAGACCACACCGGATGTCA
TCTTTGTATTTGGATTGAGAACTCATTTTGGTGGTGGCAAGACAACCTGGCTTTGGCATGATTTATGATTCCCTGGATTATGCA
AAGAAAAATGAACCCAAACATAGACTTGCAAGACATGGCCTGTATGAGAAGAAAAAGACCTCAAGAAAGCAACGAAAGGAA
CGCAAGAACAGAATGAAGAAAGTCAGGGGGACTGCAAAGGCCAATGTTGGTGCTGGCAAAAAGTGA
```

Transaction Sequence

```
MNDTVTIRTR KFMTNRLLR KQMVIDVLHP GKATVPKTEI REKLAKMYKT TPDVIFVFGFRTHFGGGKTT GFGMIYDSL
YAKKNEPKHR LARHGLYEKK KTSRKQRKER KNRMKKVRGTAKANVGAGKK
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