

RPS18 cDNA

Catalog Number: ATGD0434

PRODUCT INFORMATION

Catalog number

ATGD0434

Product type

cDNA

Species

Human

NCBI Accession No.

NP_072045.1

Alternative Names

D6S218E, HKE3, KE-3, KE3, S18

mRNA Refseq

NM_022551.2

OMIM

180473

Chromosome location

6p21.3

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

459bp

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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RPS18 is a ribosomal protein that is a component of the 40S subunit and belongs to the S13P family of ribosomal proteins. It is located in the cytoplasm. It is an ortholog of mouse Ke3. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome.

DATA

Sequence nucleotides

```
ATGTCTCTAGTGATCCCTGAAAAGTTCCAGCATATTTTGCAGTACTCAACACCAACATCGATGGGCGGCGGAAAATAGCCT
TTGCCATCACTGCCATTAAGGGTGTGGGCCGAAGATATGCTCATGTGGTGTGGAGGAAAGCAGACATTGACCTCACCAAGA
GGGCGGGAGAAGTCACTGAGGATGAGGTGGAACGTGTGATCACCATTATGCAGAATCCACGCCAGTACAAGATCCCAGACT
GGTTCTTGAACAGACAGAAGGATGTAAAGGATGAAAATACAGCCAGGTCCTAGCCAATGGTCTGGACAACAAGCTCCGTG
AAGACCTGGAGCGACTGAAGAAGATTCGGGCCCATAGAGGGCTGCGTCACTTCTGGGGCCTTCGTGTCCGAGGCCAGCAC
ACCAAGACCACTGGCCCGCGTGGCCGCACCGTGGGTGTGTCCAAGAAGAAATAA
```

Transaction Sequence

```
MSLVIPEKFQ HILRVLNTNI DGRRKIAFAI TAIKGVGRRY AHVVLKADI DLTKRAGELT EDEVERVITI MQNPRQYKIP
DWFLNRQKDV KDGKYSQVLA NGLDNKLRD LERLKKIRAH RGLRHFVGLR VRGQHTKTTG RRGRTVGVSK KK
```