

RPL18 cDNA

Catalog Number: ATGD0040

PRODUCT INFORMATION

Catalog number

ATGD0040

Product type

cDNA

Species

Human

NCBI Accession No.

NP_000970.1

Alternative Names

L18

mRNA Refseq

NM_000979.3

OMIM

604179

Chromosome location

19q13

PRODUCT SPECIFICATION

Formulation

Lyophilized

Storage

Store the plasmid at -20C.

cDNA Size

567bp

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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Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. This gene encodes a member of the L18E family of ribosomal proteins that is a component of the 60S subunit. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene

DATA

Sequence nucleotides

```
ATGGGAGTGG ACATCCGCCA TAACAAGGAC CGAAAGGTTT GCGCAAGGA GCCCAAGAGC CAGGATATCT
ACCTGAGGCT GTTGGTCAAG TTATACAGGT TTCTGGCCAG AAGAACCAAC TCCACATTCA ACCAGGTTGT
GTTGAAGAGG TTGTTTATGA GTCGCACCAA CCGGCCGCCT CTGTCCCTTT CCCGGATGAT CCGGAAGATG
AAGCTTCCTG GCCGGGAAAA CAAGACGGCC GTGGTTGTGG GGACCATAAC TGATGATGTG CGGGTTCAGG
AGGTACCCAA ACTGAAGGTA TGTGCACTGC GCGTGACCAG CCGGGCCCGC AGCCGCATCC TCAGGGCAGG
GGCAAGATC CTCACCTTTCG ACCAGCTGGC CCTGGACTCC CCTAAGGGCT GTGGCACTGT CCTGCTCTCC
GGTCCTCGCA AGGGCCGAGA GGTGTACCGG CATTTCGGCA AGGCCCCAGG AACCCCGCAC AGCCACACCA
AACCTACGT CCGCTCCAAG GGCCGGAAGT TCGAGCGTGC CAGAGGCCGA CGGGCCAGCC GAGGCTACAA AACTAA
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Transaction Sequence

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MGVDIRHNKD RKVRRKEPKS QDIYLRLLVK LYRFLARRTN STFNRQVVLKR LFMSRTNRPP LSLSRMIRKM KLPGRENKTA
VVVGTITDDV RVQEVPLKV CALRVTSRAR SRILRAGGKI LTFDQLALDS PKGCGTVLLS GPRKGREVYR HFGKAPGTPH
SHTKPYVRSK GRKFERARGR RASRGYKN
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