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 CGAAAGGTTC GGCGCAAGGA 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
GGGCAAGATC CTCACTTTCG ACCAGCTGGC CCTGGACTCC CCTAAGGGCT GTGGCACTGT CCTGCTCTCC
GGTCCTCGCA AGGGCCGAGA GGTGTACCGG CATTTCGGCA AGGCCCCAGG AACCCCGCAC AGCCACACCA
AACCCTACGT CCGCTCCAAG GGCCGGAAGT TCGAGCGTGC CAGAGGCCGA CGGGCCAGCC GAGGCTACAA AAACTAA

Transaction Sequence

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