RPL13A cDNA

Catalog Number: ATGD0336

PRODUCT INFORMATION

Catalog number
ATGD0336

Product type
cDNA

Species
Human

NCBI Accession No.
NP_036555.1

Alternative Names
L13A, TSTA1

mRNA Refseq
NM_012423.3

OMIM

Chromosome location
19q13.3

PRODUCT SPECIFICATION

Formulation
Lyophilized

Storage
Store the plasmid at -20C.

cDNA Size
612bp

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
RPL13A encodes a member of the L13P family of ribosomal proteins that is a component of the 60S subunit. It

also plays a role in the repression of inflammatory genes as a component of the IFN-gamma-activated inhibitor of translation (GAIT) complex. This gene is co-transcribed with the small nucleolar RNA genes U32, U33, U34, and U35, which are located in the second, fourth, fifth, and sixth introns, respectively. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed throughout the genome. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

DATA

Sequence nucleotides

ATGGCGGAGGTGCAGGTCCTGGTGCTTGATGGTCGAGGCCATCTCCTGGGCCGCCTGGCGGCCATCGTGGCTAAACAGGT
ACTGCTGGGCCGGAAGGTGGTGGTCGTACGCTGTGAAGGCATCAACATTTCTGGCAATTTCTACAGAAACAAGTTGAAGTA
CCTGGCTTTCCTCCGCAAGCGGATGAACACCAACCCTTCCCGAGGCCCCTACCACTTCCGGGCCCCCAGCCGCATCTTCTG
GCGGACCGTGCGAGGTATGCTGCCCCACAAAACCAAGCGAGGCCAGGCCGCTCTGGACCGTCTCAAGGTGTTTGACGGCA
TCCCACCGCCCTACGACAAGAAAAAGCGGATGGTGGTTCCTGCTGCCCTCAAGGTCGTGCGTCTGAAGCCTACAAGAAAGT
TTGCCTATCTGGGGCGCCTGGCTCACGAGGTTGGCTGGAAGTACCAGGCAGTGACAGCCACCCTGGAGGAGAAGAGGAAA
GAGAAAGCCAAGATCCACTACCGGAAGAAGAAACAGCTCATGAGGCTACGGAAACAGGCCGAGAAGAACGTGGAGAAGAA
AATTGACAAATACACAGAGGTCCTCAAGACCCACGGACTCCTGGTCTGA

Transaction Sequence

MAEVQVLVLD GRGHLLGRLA AIVAKQVLLG RKVVVVRCEG INISGNFYRN KLKYLAFLRK RMNTNPSRGP YHFRAPSRIF
WRTVRGMLPH KTKRGQAALD RLKVFDGIPP PYDKKKRMVV PAALKVVRLK PTRKFAYLGR LAHEVGWKYQ AVTATLEEKR
KEKAKIHYRK KKQLMRLRKQ AEKNVEKKID KYTEVLKTHG LLV