RPL8 cDNA

Catalog Number: ATGD0039

PRODUCT INFORMATION

Catalog number
ATGD0039

Product type
cDNA

Species
Human

NCBI Accession No.
NP_000964.1

Alternative Names
L8

mRNA Refseq
NM_000973.3

OMIM
604177

Chromosome location
8q24.3

PRODUCT SPECIFICATION

Formulation
Lyophilized

Storage
Store the plasmid at -20C.

cDNA Size
774bp

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 Nde 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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RPL8 (60S ribosomal protein L8) belongs to the ribosomal protein L2P family. Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. The protein belongs to the L2P family of ribosomal proteins. It is located in the cytoplasm and exists as a component of the 60S subunit where it is thought to play a role in aminoacyl-tRNA binding, specifically at the ribosomal subunit interface

DATA

Sequence nucleotides

ATGGGCCGTG TGATCCGTGG ACAGAGGAAG GGCGCCGGGT CTGTGTTCCG CGCGCACGTG AAGCACCGTA
AAGGCGCTGC GCGCCTGCGC GCCGTGGATT TCGCTGAGCG GCACGGCTAC ATCAAGGGCA TCGTCAAGGA
CATCATCCAC GACCCGGGCC GCGGCGCGCC CCTCGCCAAG GTGGTCTTCC GGGATCCGTA TCGGTTTAAG
AAGCGGACGG AGCTGTTCAT TGCCGCCGAG GGCATTCACA CGGGCCAGTT TGTGTATTGC GGCAAGAAGG
CCCAGCTCAA CATTGGCAAT GTGCTCCCTG TGGGCACCAT GCCTGAGGGT ACAATCGTGT GCTGCCTGGA
GGAGAAGCCT GGAGACCGTG GCAAGCTGGC CCGGGCATCA GGGAACTATG CCACCGTTAT CTCCCACAAC
CCTGAGACCA AGAAGACCCG TGTGAAGCTG CCCTCCGGCT CCAAGAAGGT TATCTCCTCA GCCAACAGAG
CTGTGGTTGG TGTGGTGGCT GGAGGTGGCC GAATTGACAA ACCCATCTTG AAGGCTGGCC GGGCGTACCA
CAAATATAAG GCAAAGAGGA ACTGCTGGCC ACGAGTACGG GGTGTGGCCA TGAATCCTGT GGAGCATCCT
TTTGGAGGTG GCAACCACCA GCACATCGGC AAGCCCTCCA CCATCCGCAG AGATGCCCCT GCTGGCCGCA
AAGTGGGTCT CATTGCTGCC CGCCGGACTG GACGTCTCCG GGGAACCAAG ACTGTGCAGG AGAAAGAGAA CTAG

Transaction Sequence

MGRVIRGQRK GAGSVFRAHV KHRKGAARLR AVDFAERHGY IKGIVKDIIH DPGRGAPLAK VVFRDPYRFK KRTELFIAAE
GIHTGQFVYC GKKAQLNIGN VLPVGTMPEG TIVCCLEEKP GDRGKLARAS GNYATVISHN PETKKTRVKL PSGSKKVISS
ANRAVVGVVA GGGRIDKPIL KAGRAYHKYK AKRNCWPRVR GVAMNPVEHP FGGGNHQHIG KPSTIRRDAP AGRKVGLIAA
RRTGRLRGTK TVQEKEN