

## RPL8 cDNA

Catalog Number: ATGD0039

### PRODUCT INFORMATION

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**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

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**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**

## RPL8 cDNA

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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

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#### Sequence nucleotides

```
ATGGGCCGTG TGATCCGTGG ACAGAGGAAG GGCGCCGGGT CTGTGTTCCG CGCGCACGTG AAGCACCGTA
AAGGCGCTGC GCGCCTGCGC GCCGTGGATT TCGCTGAGCG GCACGGCTAC ATCAAGGGCA TCGTCAAGGA
CATCATCCAC GACCCGGGCC GCGGCGCGCC CTCGCCAAG GTGGTCTTCC GGGATCCGTA TCGGTTTAAG
AAGCGGACGG AGCTGTTTCA TGCCGCCGAG GGCATTACA 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 AGATGCCCT GCTGGCCGCA
AAGTGGGTCT CATTGCTGCC CGCCGACTG GACGTCTCCG GGGAACCAAG ACTGTGCAGG AGAAAGAGAA CTAG
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#### Transaction Sequence

```
MGRVIRGQRK GAGSVFRAHV KHRKGAARLR AVDFAERHGY IKGIVKDIH DPGRGAPLAK VVFRDPYRFK KRTELFIAAE
GIHTGQFVYC GKKAQLNIGN VLPVGTMPG TIVCCLEEKP GDRGKLARAS GNYATVISHN PETKKTRVKL PSGSKKVISS
ANRAVVGVA GGGRIDKPIL KAGRAYHKYK AKRNCWPRVR GVAMNPVEHP FGGGNHQHIG KPSTIRRDAP AGRKVGLIAA
RRTGRLRGTK TVQEKEN
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