

## RPL32 cDNA

Catalog Number: ATGD0480

### PRODUCT INFORMATION

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**Catalog number**

ATGD0480

**Product type**

cDNA

**Species**

Human

**NCBI Accession No.**

NP\_001007075.1

**Alternative Names**

L32, PP9932

**mRNA Refseq**

NM\_001007074.1

**OMIM****Chromosome location**

3p25-p24

### PRODUCT SPECIFICATION

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**Formulation**

Lyophilized

**Storage**

Store the plasmid at -20C.

**cDNA Size**

408bp

**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**

RPL32 is a ribosomal protein that is a component of the 60S subunit. The protein belongs to the L32E family of

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ribosomal proteins. RPL32 is located in the cytoplasm. Although some studies have mapped this gene to 3q13. 3-q21, it is believed to map to 3p25-p24. 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 the same protein have been observed for RPL32.

### DATA

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#### Sequence nucleotides

```
ATGGCCGCCCTCAGACCCCTTGTGAAGCCCAAGATCGTCAAAAAGAGAACCAAGAAGTTCATCCGGCACCAGTCAGACCGA
TATGTCAAATAAGCGTAACTGGCGGAAACCCAGAGGCATTGACAACAGGGTTCGTAGAAGATTCAAGGGCCAGATCTTG
ATGCCAACATTGGTTATGGAAGCAACAAAAAACAAGCACATGCTGCCAGTGGCTTCCGGAAGTTCCTGGTCCACAAC
GTCAAGGAGCTGGAAGTGCTGCTGATGTGCAACAAATCTTACTGTGCCGAGATCGCTCACAATGTTTCCTCCAAGAACCGCA
AAGCCATCGTGGAAGAGCTGCCCAACTGGCCATCAGAGTCACCAACCCCAATGCCAGGCTGCGCAGTGAAGAAAATGAGT
AG
```

#### Transaction Sequence

```
MAALRPLVKP KIVKKRTKKF IRHQSDRYVK IKRNWRKPRG IDNRVRRRFK GQILMPNIGYGSNKKTKHML PSGFRKFLVH
NVKELEVLLM CNKSYCAEIA HNVSSKNRKA IVERAAQLAIRVTNPNARLR SEENE
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