

## RPL13 cDNA

Catalog Number: ATGD0324

### PRODUCT INFORMATION

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**Catalog number**

ATGD0324

**Product type**

cDNA

**Species**

Human

**NCBI Accession No.**

NP\_150254.1

**Alternative Names**

BBC1, D16S444E, D16S44E, L13

**mRNA Refseq**

NM\_033251.2

**OMIM**

113703

**Chromosome location**

16q24.3

### PRODUCT SPECIFICATION

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**Formulation**

Lyophilized

**Storage**

Store the plasmid at -20C.

**cDNA Size**

636bp

**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 Hind III. 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**

## RPL13 cDNA

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RPL13 encodes a ribosomal protein that is a component of the 60S subunit. RPL13 belongs to the L13E family of ribosomal proteins. RPL13 is located in the cytoplasm. RPL13 is expressed at significantly higher levels in benign breast lesions than in breast carcinomas. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of RPL13 dispersed through the genome.

### DATA

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#### Sequence nucleotides

```
ATGGCGCCCAGCCGGAATGGCATGGTCTTGAAGCCCCACTTCCACAAGGACTGGCAGCGGCGCGTGGCCACGTGGTTCAA
CCAGCCGGCCCGTAAGATCCGCAGACGTAAGGCCCGGCAAGCCAAGGCGCGCCGCATCGCCCCGCGCCCCGCGTCGGGT
CCCATCCGGCCCATCGTGCGCTGCCCCACGGTTCGGTACCACACGAAGGTGCGCGCCGGCCGCGGCTTCAGCCTGGAGGA
GCTCAGGGTGGCCGGCATTACAAGAAGGTGGCCCCGACCATCGGCATTTCTGTGGATCCGAGGAGGCGGAACAAGTCCA
CGGAGTCCCTGCAGGCCAACGTGCAGCGGCTGAAGGAGTACCGCTCCAAACTCATCCTCTTCCCCAGGAAGCCCTCGGCC
CCCAAGAAGGGAGACAGTTCTGCTGAAGAACTGAAACTGGCCACCCAGCTGACCGGACCGGTCATGCCCGTCCGGAACGT
CTATAAGAAGGAGAAAGCTCGAGTCATCACTGAGGAAGAGAAGAATTTCAAAGCCTTCGCTAGTCTCCGTATGGCCCGTGC
CAACGCCCGGCTCTTCGGCATAACGGGCAAAAAGAGCCAAGGAAGCCGCAGAACAGGATGTTGAAAAGAAAAAATAA
```

#### Transaction Sequence

```
MAPSRNGMVL KPHFHKDWQR RVATWFNQPA RKIRRRKARQ AKARRIAPRP ASGPIRPIVRCPTVRYHTKV RAGRGFSLEE
LRVAGIHKKV ARTIGISVDP RRRNKSTESL QANVQRLKEYRSKLILFPRK PSAPKKGDSS AEELKLATQL TGPVMPVRNV
YKKEKARVIT EEEKNFKAFASLRMARANAR LFGIRAKRAK EAAEQDVEKK K
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