

## Product datasheet for **SC331951**

### RPL13 (NM\_001243130) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** RPL13 (NM\_001243130) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** RPL13  
**Synonyms:** BBC1; D16S44E; D16S444E; L13  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC331951 representing NM\_001243130.  
Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
ATGGCGCCAGCCGGAATGGCATGGTCTTGAAGCCCCACTTCCACAAGGACTGGCAGCGGCGGTGGCC
ACGTGGTTCAACCAGCCGCCCGTAAGATCCGCAGACGTAAGGCCGGCAAGCCAAGGCGCGCCGCATC
GCCCCGCGCCCGCGTCCGGTCCCATCCGGCCATCGTGCGCTGCCCCACGGTTCGGTACCACACGAAG
AAGGTGGCCCGGACCATCGGCATTTCTGTGGATCCGAGGAGGCGGAACAAGTCCACGGAGTCCCTGCAG
GCCAACGTGCAGCGGCTGAAGGAGTACCCTCCAACTCATCCTTCCCCAGGAAGCCCTCGGCCCCC
AAGAAGGGAGACAGTTCTGCTGAAGAACTGAAACTGGCCACCCAGCTGACCGGACCGGTATGCCGTC
CGAACGTCTATAAGAAGGAGAAAGCTCGAGTCATCACTGAGGAAGAGAAGAAATTTCAAAGCCTTCGCT
AGTCTCCGTATGGCCCGTCCAACGCCCGGCTTTCGGCATACGGGCAAAAAGAGCCAAGGAAGCCGCA
GAACAGGATGTTGAAAAGAAAAATAA
```

**Restriction Sites:** Sgfl-Mlul  
**ACCN:** NM\_001243130  
**Insert Size:** 579 bp  
**OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).  
**Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).



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**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

**RefSeq:** [NM\\_001243130.1](#)

**RefSeq Size:** 4442 bp

**RefSeq ORF:** 579 bp

**Locus ID:** 6137

**UniProt ID:** [P26373](#)

**Cytogenetics:** 17p11.2

**Protein Families:** Druggable Genome

**Protein Pathways:** Ribosome

**MW:** 22.2 kDa

**Gene Summary:** Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. This gene encodes a ribosomal protein that is a component of the 60S subunit. The protein belongs to the L13E family of ribosomal proteins. It is located in the cytoplasm. This gene 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 this gene dispersed through the genome. [provided by RefSeq, Jul 2011]

Transcript Variant: This variant (3) has an alternate splice junction in the CDS, compared to variant 1. The resulting isoform (2) lacks an internal segment, compared to isoform 1.