

## Product datasheet for **SC203301**

### MRPL13 (NM\_014078) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** MRPL13 (NM\_014078) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** MRPL13  
**Synonyms:** L13; L13A; L13mt; RPL13; RPML13  
**ACCN:** NM\_014078  
**Insert Size:** 697 bp  
**Insert Sequence:** >SC203301 3'UTR clone of NM\_014078  
The sequence shown below is from the reference sequence of NM\_014078. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TGGACTCCACCTGAAGATTATCGGCTAAGAGAATAAGAATTGCAGAAAATAACAGTGAAGTGATTGA
AACTTTCTTGATGAGTTTCTAACCTACAGGATGGAGTAAAACAACCTGCTACAGTTCAGCACCTGT
TTTATGTGCCGAATCACTGTGGGAAAGGTCAGGAAGGTATAGTCCTCAATAGGAAATTGTAATTTAAA
ATATAATTTTATAGAACCATTTTATGTAATCTGATTTGAATGTTATAGTTGATAATAATAAAATCACT
TACTTGTTGACTATTTAGTGTGCATTTAATGATAAAAAACAGACCCTGTGTATAGAATTGCAGTTAC
ACATTCAAAAATGCCTCTCCATGCAGATTTTCTCAAGTTTGCAGGTCACCTATTCTTGCCCTTGTA
CAAGCTTACCTTCACTTTTCATTTAGTGGCTTTTTTATCTAACTTGCATCCATCTAAATTCATAT
TTGCAGCTTAGTAGGGTAAAGTTTGCCTGAAATATTTATAAACTGCTATCTTTTCTGTGTCCCATAT
AGCCTCTTGGCCCAATGACACCAGAATACATAATGCCTGTCTGCTCGTTAGAAATCCCTCTCCCT
GCCAGTGATTCTGTTGTAGACTCTCCACTGTTTTCCCATATCTGCTGTTGGCTTCCATTCATCT
CTGTACT
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** Sgfl-MluI

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).



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<b>Components:</b>	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
<b>RefSeq:</b>	<a href="#">NM_014078.6</a>
<b>Summary:</b>	Mammalian mitochondrial ribosomal proteins are encoded by nuclear genes and help in protein synthesis within the mitochondrion. Mitochondrial ribosomes (mitoribosomes) consist of a small 28S subunit and a large 39S subunit. They have an estimated 75% protein to rRNA composition compared to prokaryotic ribosomes, where this ratio is reversed. Another difference between mammalian mitoribosomes and prokaryotic ribosomes is that the latter contain a 5S rRNA. Among different species, the proteins comprising the mitoribosome differ greatly in sequence, and sometimes in biochemical properties, which prevents easy recognition by sequence homology. This gene encodes a 39S subunit protein. [provided by RefSeq, Jul 2008]
<b>Locus ID:</b>	28998
<b>MW:</b>	26.7