

## Product datasheet for **SC207232**

### MRPL3 (NM\_007208) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** MRPL3 (NM\_007208) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** MRPL3  
**Synonyms:** COXPD9; MRL3; RPML3  
**ACCN:** NM\_007208  
**Insert Size:** 541 bp  
**Insert Sequence:** >SC207232 3'UTR clone of NM\_007208  
The sequence shown below is from the reference sequence of NM\_007208. The complete sequence of this clone may contain minor differences, such as SNPs.  
Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CCCGGTGCGCCTTCTATTACATTTGCCAACATCTTTGGACGTGGCAGAACCTTACATATTCTGTGAGC
TTCGATGAGCCAGAGTGATATCATAACCACCAGAAATCATACTCTCCTTTCTTAGTCACAACAAAATCA
CACATGTATCTTTGTCAAGGGCATAAATATATCATTACATACCCCAATTAATTTTGTAGAAAAATTA
CCACATTAATATATGAGTTAAGTAGATTGGATTGCTGAAATTGGTGTGGGCATATTAGCAAAATAT
TCTTAATTTGTGGACTCGATTCTTTTTACTACATATTTCCCAAGTTATCTTAAGATGTCTGTAATTT
AACTTTTATTAAGTTTTGTCAATCTTTGTGAAATAGTGGTTGTGGAACAGTAGAAAACCATATGGGGA
CTATAGTGCAACCTATTTGGGTAAGAAACCATTTGCTAAAATGGAGAAAGTAAATAGATTTTTATTTA
AATTACAGAAACATGTTAAAGCCCGGACAAAGGAAAGACAATAAAATCATAAATTATC
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** SgfI-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).

**Components:** 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.

**RefSeq:** [NM\\_007208.4](#)



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**Summary:**

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 that belongs to the L3P ribosomal protein family. A pseudogene corresponding to this gene is found on chromosome 13q. [provided by RefSeq, Jul 2008]

**Locus ID:**

11222

**MW:**

21.4