

Product datasheet for **SC206260**

MRPL34 (NM_023937) Human 3' UTR Clone

Product data:

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| Product Type: | 3' UTR Clones |
| Symbol: | MRPL34 |
| Synonyms: | L34mt |
| Mammalian Cell | Neomycin |
| Selection: | |
| Vector: | pMirTarget (PSI00062) |
| ACCN: | NM_023937 |
| Insert Size: | 494 bp |
| Insert Sequence: | <p>>SC206260 3'UTR clone of NM_023937</p> <p>The sequence shown below is from the reference sequence of NM_023937. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p> <pre> GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CTCAAGGGCCGCAAGTCGTGAGCCATTGAGGATCGCGACGCGAGTCGGCGGGACCCTCATGGAAGCATC GCCCTCGCCTCGGACCTTGCTGGCGCTATTTTGCAGGGAGCTGGGGAGCAGGAACGCCTCGGACCTG AGTGCTCTCCATATTGTGGGGTTGAAGTCTGGATGGGAGCTTGCCAAGTCCCTTTTGGCTTTTAAAT TAGGAAGCATTTTGAACCTGCGCAACAGACCAAGAAGACAGTACAAAGAACATCCGTGTACCCAGTACCC TGACTACCGACTACCTACAACCCGTCCTGCCCATCCTGAGTTCTTTGAAGCTGATCTCAGGCATCG GATTATTTCTTCTGTAATATTTGAGAATGTATCTCTCCAAGATGAGAGCTCATTAAAGACAATTACA AAGCTTATCACATCCAAAAGAATTATCAATAATTTGAAATATTATTAACGTGTAATAAATGTTCAAA GTTCCACTTGC ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG </pre> |
| 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). |



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| 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. |
| Note: | Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required. |
| RefSeq: | <u>NM_023937.4</u> |
| 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. [provided by RefSeq, Jul 2008] |
| Locus ID: | 64981 |
| MW: | 19 |