

Product datasheet for **SC216833**

MRP63 (MRPL57) (NM_024026) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	MRP63 (MRPL57) (NM_024026) Human 3' UTR Clone
Symbol:	MRP63
Synonyms:	bMRP63; MRP63
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_024026
Insert Size:	1889 bp



[View online »](#)

Insert Sequence: >SC216833 3'UTR clone of NM_024026
The sequence shown below is from the reference sequence of NM_024026. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

```

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACACGATCGCC
CATCTCAATGTCACCAAGAAATGGTCCTAATCCTGAGTCGTACCCTTGGATTTTATGGATCACGGAGC
TGACCATCTTTACCTGGTCTGGAAGTGAAGAACTGTAGCTTGTGTGAAATGAGCCTTTGGACAGTC
TTTATTAACAAACAAACATGAGTAGTCTGCATATCGAATATCTAGAGCTCTAAACCCCAATACTTA
AAAGTCTAATTGCTGTCTGTGGTTTCATTAGTCTGATAGGAAGATAGGGATTTCTCAGTCACAGATG
ATATTTTGAAGGAAAGCTGCAATAAAGCCACAATGATTTGAGGTCTTTGCTTAAGTATGAGATACTTGA
TGGGGGCTTTATCATGCAACATTAGTTTGCTTACCTTAAGAATTGCCAAAAATGAAAGAAATATGAG
CTTTTCAGTTAAACATACTCCTAAAAACATTTCCGGGATTTTACTACTAAAATTGGACATTTAAGCGA
AGTAAAGAGGGCCGGGTGCGGTGGCTCACGCCTGTAATCCCAACACTTTAGGAGTCCAAGGCGGGCGGA
TCACTTGAGGTACAGGAGTTCAAGACCAGCTTGGCCAAGGTGATAAAACCGTCTCTACTAATACAAAAA
AAATTAGCTGGGTATGTTGGTGCAGGCTTGCAATCCCAGCTACTTGGGACGCTGAGGTGGGAGGATCGC
CTGAACCTCAGAGGCAGAGGTTGCAATGAAGCGGAGGTTGCAGTGAGCCGAGAGCATGCCCTGCACTC
CAGCCTGGGAGACTGCATCTCAAAAAAGAAAAATAACGAAGTAAAGATATTTATCAGAGCTGTTACA
GGAAGGTGATTTTTTAGCTATTTTGGCAGGTGCTGTGGTGCTTGATGTAGTCCCAGCTATTCAGGA
ATATTGCTTGAGTCCAGCTTGGGCAACATAGCGAGACCCTATCTAAAATAACAATAATATATGGCCAGG
CGGGATGGCTCACGCCTGTAATCCCAGCACTTTGGGAGGCTGAGGCGGGCAGATCACTTGAGGCCAGGA
GTTCAAGACCAGCCCAACCAACATGGTGAAACCCTGTCTCCACTGAAAAATACATAAAATTAGCCGGGTG
CAGTGGTGAGGCCTGTAATCCCAGCTACTCAGGAGGCTGAGGCAAGGAGAATCGCTTGACCCAGGAGGT
GGAGGCTGCAGTAAGTCGAGATTGTGCTACTGCACTCTAGCCTGGGCGACAGAAAAAGAAAAATTTAGGT
GGGAAAAAAATCAGAATTGCGTCTGTGGGAACAGGAATAAAGGAGAAACCACTATTGACTGGGAAGAC
ACACAAAGAACTTTGTCAAAGTTGTATGGCTGAGGCCACACGGTGGCTCACTTCTGTAATCCCATCAC
TTTGGGAGGCTTAGGCAGAAGGATCACCTGAGATCAGGAGTTCAGACCAGCCTGGCCAACATGGCGAA
ACCCCATCTCTACTAAAAATACAAAAATTAGCCGGGCGTGGTGGCTTACGCCTGTAATCCCAGCACTTT
GGGAGGCCAAGGTGGGCGGATCACAAGGTCAGGAGTTCGAGACCAGCCTGGCCAATATGGTGAAACCCC
ATCTCTACTAAAAATATAAAAAATCAGCAAAAAAAATTTAGCCAGGCTTGGTCATGCATGCCTGTAATCC
TAGCTACTGGGAAGGCTGAGGAAGGAGAATTGCTTGAACCCAGGTGGTGGAGGTTGCAGTGAGCTGAGA
TCGTGCCACTGCTCTCCAGCCTGCATGACGGGAGTGAGACACCATCTCAAAAAATACATATAATAATAT
AAATAAAAAATATCTTTTTGAAATAATTTAATATACCATGTAATTTACCAGTTGAAGATGTTTCGCTTT
CAGAATATAATAAAAAATAGTCAAAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG

```

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_024026.5](#)

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 protein which belongs to an undetermined ribosomal subunit and which seems to be specific to animal mitoribosomes. Pseudogenes corresponding to this gene are found on chromosomes 1p, 1q, 3p, 5q, 8q, 14q, and Y. [provided by RefSeq, Jul 2008]

Locus ID:

78988

MW:

71.3