

Product datasheet for **SC213933**

MRPL4 (NM_146388) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: MRPL4 (NM_146388) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: MRPL4
Synonyms: CGI-28; L4mt
ACCN: NM_146388
Insert Size: 1347 bp
Insert Sequence: >SC213933 3'UTR clone of NM_146388
 The sequence shown below is from the reference sequence of NM_146388. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AGAGTGCAGCATGTGCAGGCTCCGCTGTAGAAATCACAGCGGTTCAAATCCGGCATCTGGTCGCTGAGTG
GCCTCAGGCAGTGACCACGCTCCCGAACCAACCTTCAGCTTGCCCAAAGCAATAATCTTTCCTAAAGA
AGTGCTTGGCTGGGATGGTGGCTCACGCTTGTAAATCCAGTACTTTGGGAGGCCAAGGCAGTCTGGGC
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AGCTACTCGGGGCTGAGCCAGGCGGATAGCTTGAGCTCAGGGGGCCAAGGCTGCAGTGAGTCATGATC
GCACCACTGCACCCAACTGGGAGAGAGCTAGACTCTTGTCTCAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAGCTCCAAAGTCACCTCTGTCAAAGCCACAGTCTGTTCCCTCCACAGCCACAAGATGGCGACATGAG
CCTAAGTCAAGTCTGTCCCTCAACCCACGCCCTCGTGGCTTCCCCACCTCTCTCAGGATGAAAGCC
CAAGTCATCAGGGTGGCACGTGAGGCCCTGCACGATGTGCCCCGTACCTCCCTGCCCTCCCGTCATTT
GCCCTGGGTCTCCCCACCAGAATGGGAGCCAGGAGTCCAGCCAGGCACAGGACCGAGCCTGGCTCTC
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GGACTCCGATGTGGGTGGGTGAGGAGAGAGGCAGCCCCGGCCTGACCGCCCCCGCCCCGCCCCAC
CCCCCCCCAGGCCTAAATGTGCACAGCATGCTCAAGCACCAGACGCTGGTCTGACGCTGCCACCGT
CGCCTTCTGGAGGACAAGTGTCTGAGGACTCACGTTACAGACCCCTTACCCCTTACGCCTGCC
CTACAGCGACTTCCCCGACCCCTACCCACGCTACCCAGGGCCAGCGGCCACCCCGTACCACTGTTG
ATGTGAAGCACCTCTTCTGAGCCAGGCCAGCCCTGGCCGACTTGGGAGCCTCAGGCCACGCCACCC
CTTCGAGGAAGGTGTACCTGGACCCCTTATTCCACGGAGGAAGCTGAGGCCACAGGGAGCGGCCATC
GCCATTGGGAAGGGCGACTCCACGAAAAGCCAGACGGGCTTCTGCATCCATCCCTCTTTTGTTTT
TAAAAATAAATTGTATTTTGAATCAAGGAGGATAAA
ACGCGTAAAGCGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites:	Sgfl-Mlul
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_146388.2
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. Sequence analysis identified alternatively spliced variants that encode different protein isoforms. [provided by RefSeq, Jul 2008]
Locus ID:	51073
MW:	48