

Product datasheet for **SC209099**

MRPL44 (NM_022915) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	MRPL44
Synonyms:	COXPD16; L44MT; MRP-L44
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PSI00062)
ACCN:	NM_022915
Insert Size:	710 bp

Insert Sequence: >SC209099 3'UTR clone of NM_022915
The sequence shown below is from the reference sequence of NM_022915. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
AGAGCAGAAAAGAGCATCACTGCCAGCTAGCCGCCATGGATGCAGCAGCCTGAAACTTGAGAGCGAAAG
TGAGATAAATGTCAAAGGTGTTTCAAGCCAGACATTTTACAATTGTGAAGAAATAGATGTTTTGTTTC
TGTTTTTACTGTGTTCCAAAATTAATAAGTGTTAACCAAGTCACAGTGTTTTGGTTTTGTTTTTC
TGAAATCTTGGTTTGATCAAATCTTTTTTTTTTCTCTTGAGATGGAGTCTTACTCTGTCGCCCAGGCT
GGACTGCAGTGGTGCATCTCGGCTCACTGCAACCTCCACCTCACAGGTTCAAGCGATTCTCGTGGCTC
AGCCTCCCTAGTAGCTGGGATTACAGGCACACACCACCATACTGGCTAATTTTTGTATTTTGGTAGA
CATGGGGTTTACCAAGTTGGCTAGGCTAGTCTTGAACCTCCTGACCTCAGGTGATCCACCCGCTTGGC
CTCCCAAAGTGCTGGGATTACAGGTGTGAGCCACTATACCCGACCAGATCAAATCTTTTTTGTACATTT
TTGCAAAAAATTTTCTAATGTTCTTGATTTAATTGTATAGAATTTGTATAATTAGGTGATTTTATT
TGCGTCTAGCTTTGAGGTATCATAATTTATGTATCTTATGTGAATTTTTGCTGTAATACCAATAAAGT
TTTTTTCTCCACATGTTAA
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTCTATGAAAGG

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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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_022915.5</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:	65080
MW:	27.7