

Product datasheet for **SC107280**

MRP L9 (MRPL9) (NM_031420) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MRP L9 (MRPL9) (NM_031420) Human Untagged Clone
Tag:	Tag Free
Symbol:	MRP L9
Synonyms:	L9mt
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_031420, the custom clone sequence may differ by one or more nucleotides

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ATGGCGGCGCCCGTTGTACGGCCCCGGGCAGAGCTCTGCTGCGGGCGGGCGCTGGACGGCTGCTTCGGG
GAGGCGTCCAGGAGCTACTGCGGCCGCGACATGAAGGGAACGCCCTGACCTGGCCTGCAACTTCAGCCT
TTCTCAAATCGGGGCACGGTCACTCGTGGAGCGCTGGTGAAGGTACCGCTGGCCGGGAGGGCCGGAAG
CCGCGCCTGCACCGGCGACATCGCGTCTATAAGCTGGTGGAGGACACGAAGCATCGGCCAAAGAAAACC
TGGAGCTCATCCTGACGCAGTCGGTGGAGAATGTTGGAGTCCGGGGTACCTGGTCTCAGTGAAGAAATC
TTTAGCCGGAATCGACTCCTTCTCAGGGACTGGCTGTATATGCATCCCCTGAAAACAAGAAGCTGTTT
GAAGAGGAGAAATTGCTGAGACAAGAAGAAAAATTAGAGAAGATCCAGACCAAGGCAGGTGAGGCGACAG
TGAAATTTCTAAAAGCTGTCGCTGGAGTAGGGATGAAGAACAATGTCAAATGGGAGCTGAACCTGA
AATAGTTGCCCGCACTTCTTTAAGAATCTTGGTGTGTTGGTTGCCCCACATACATTAAGTTACCAGAA
GAGCCTATCACACGGTGGGGCGAGTATTGGTGTGAGGTGACGGTAAATGGGCTTGATACTGTGAGAGTGC
CTATGTCTGTCGTGAACCTTTGAGAAGCCCAAGACCAAAAGATATAAGTACTGGTTAGCCCAGCAAGCTGC
CAAGGCTATGGCCCCACCAGCCCCAGATCTAA
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_031420 unedited
 NGGGCGNATTTTGTATACGACTCCTTTAGGCGGGCCGCGATTCCGGCACGAGGTGAACATG
 GCGGCGCCCGTTGTACGGCCCCGGGCAGAGCTCTGCTGCGGGCGGGCGCTGGACGGCTG
 CTTGCGGGAGGCGTCCAGGAGCTACTGCGGCCGCGACATGAAGGGAACGCCCTGACCTG
 GCCTGCAACTTCAGCCTTTCTCAAAATCGGGGCACGGTCATCGTGGAGCGCTGGTGAAG
 GTACCGCTGGCCGGGAGGGCCGAAGCCGCGCCTGCACCGCGACATCGCGTCTATAAG
 CTGGTGGAGGACACGAAGCATCGGCCAAAGAAAACCTGGAGCTCATCCTGACGCAGTCCG
 GTGGAGAATGTTGGAGTCCGGGGTGACCTGGTCTCAGTGAAGAAATCTTTAGGCCGAAT
 CGACTCCTTCTCAGGGACTGGCTGTATATGCATCCCCTGAAAACAAGAAGCTGTTTGAA
 GAGGAGAAATTGCTGAGACAAGAAGAAAATTAGAGAAGATCCAGACCAAGGCAGGTGAG
 GCGACAGTGAAATTTCTAAAAGCTGTCGCCTGGAGGTANGGATGAAGAAACATGTCAA
 TGGGAGCTGAACCCTGAAATAGTTGCCCGCCACTTCTTTAGAATCTGGNTGNNTGTGGGT
 GCCCCACATACATTANAGNTACCAGCAGAGCCTATCACACCGTGGGGCGAGATTTGGTG
 TGAGGTGACCGTAAAAATGGGCTTGAAGTGTGGAGAGGGCCTATGCTCTGCTGAACTT
 TGAAAAGCCCAGACCAAGAATTAAGTACTTGTAGCCANCAGCTGCCAAGCTTTGGCCC
 CACAGCCCCAAATTAATTACTTTTCTCCAGCACAAAGCAAATTTGGGGACATGGGACCCA
 AAGGGCAACCCCTGACTCCCC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_031420 unedited
 CCGCGGCCGATTCTANATCGAGTTTTTTTTTTTTTTTTTTTTTTTTAAAAAGACATATTCTTT
 ATTTCTGCTTGGGATACAAATGTTTCAGTTTGGATGATGAGAATGAGGCAAGTACTGGAGA
 CAATGGCTGGCTCTCCTGTTTGTCCAATAAACTCCAATGGAGGAAGAAGCTAAACAGGT
 TTTGGATGGTTTGGTCTACTGCATCTAGCTTATCAAATCTACAGCCTGGTACTTCTGGA
 ACAGGACTTCCCTGCCCAAGTATGACAGTTAAAGATGGCAAAAATGAAGAATCAACAT
 GTATACGCAGTGCAGTCTGATGTCTTCAGATGTTCTCTAAAATTCTGTATTTGGTCAGAG
 CTGGGAGTGAGATCAGGGTGCTTGCACATTTCTGCTCCACTGCTCCCGATTCTGCTTTGC
 TGCCTTGGAGGGAGAGTAGATTTAGATCTGGGGGCTGGTGGGGGCCATAGCCTTGGCAGC
 TTGCTGGGCTAACAGTACTTATATCTTTTGGTCTTGGGCTTCTCAAAGTTCACGACAGA
 CATAGGCACTCTCACAGTATCAAGCCATTTACCGTCACCTCACACCAATACTCGCCCCA
 CCGTGTGATAGGCTCTGCTGGTAACTTTATGTATGTGGNGCAACCACACCACCAAGATT
 TTAAGAGTGGCGGCAACTATTCCAGGGTTCAGCTCCCATTTGACATTTGNTCTTCATCC
 CTACCTCCAGNCGAACAGCTTTTGAATTTCACTGTCGCCTCACCTGCCNNGNCTGAAC
 TCTCTCTAANTTTCTTCTGNCTCAGCAATTCTCTCTTCAACAGCTTCTTGNNTTCAGG
 GATGCATATACAGCAGTCTGAGAAAGAGCCATTCGCCCTAAGATCCTTCTGAAACCA
 GTACCCGNCCTCACATCTCCAGACTGCGTAGATGACCTCAGTTTCTTTGGCCAGCTTG
 TGTCTCCACCTTAAACCGATGCCCGGGCAGCCCGTTTCGC

Restriction Sites:

NotI-NotI

ACCN:

NM_031420

Insert Size:

1010 bp

OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components:

The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_031420.2](#), [NP_113608.1](#)

RefSeq Size: 1314 bp

RefSeq ORF: 804 bp

Locus ID: 65005

UniProt ID: [Q9BYD2](#)

Cytogenetics: 1q21.3

Domains: Ribosomal_L9_N

Gene Summary: This is a nuclear gene encoding a protein component of the 39S subunit of the mitochondrial ribosome. Alternative splicing results in multiple transcript variants. A pseudogene of this gene is found on chromosome 8. [provided by RefSeq, Jul 2014]
Transcript Variant: This variant (1) encodes the longer isoform (1).