

Product datasheet for **SC334666**

MRP L9 (MRPL9) (NM_001300733) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MRP L9 (MRPL9) (NM_001300733) Human Untagged Clone
Tag:	Tag Free
Symbol:	MRP L9
Synonyms:	L9mt
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001300733, the custom clone sequence may differ by one or more nucleotides

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ATGGCGGCGCCCGTTGTACGGCCCGGGCAGAGCTCTGCTGCGGGCGGGCGCTGGACGGCTGCTTCGGG
GAGGCGTCCAGGAGCTACTGCGGCCGACATGAAGGGAACGCCCTGACCTGGCCTGCAACTTCAGCCT
TTCTCAAATCGGGGCACGGTCACTCGTGGAGCGCTGGTGAAGGTACCGCTGGCCGGGAGGGCCGGAAG
CCGCGCTGCACCGGCACATCGCGTCTATAAGCTGGTGGAGGACACGAAGCATCGGCCAAAGAAAACC
TGGAGCTCATCTGACGCAGTCGGTGGAGAATGTTGGAGTCCGGGGTACCTGGTCTCAGTGAAGAAATC
TTTAGCCGGAATCGACTCCTTCTCAGGACTGGCTGTATATGCATCCCCTGAAAACAAGAAGCTGTTT
GAAGAGGAGAAATTGCTGAGACAAGAAGAAAATTAGAGAAGATCCAGACCAAGGCAGGTGAGGCGCTTG
GTGTTGTGGTTGCCCCACATACATTAAAGTTACCAAGAAGCCTATCACACGGTGGGGCGAGTATTGGTG
TGAGGTGACGGTAAATGGGCTTGATACTGTGAGAGTGCCTATGTCTGTCGTGAACTTTGAGAAGCCCAAG
ACCAAAAGATATAAGTACTGGTTAGCCAGCAAGCTGCCAAGGCTATGGCCCCACCAGCCCCAGATCT
AA
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Restriction Sites:	Sgfl-MluI
ACCN:	NM_001300733
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).



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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:	<ol style="list-style-type: none">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:	<u>NM_001300733.1, NP_001287662.1</u>
RefSeq Size:	1562 bp
RefSeq ORF:	702 bp
Locus ID:	65005
UniProt ID:	<u>Q9BYD2</u>
Cytogenetics:	1q21.3
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (2) lacks an alternate in-frame exon, compared to variant 1. The encoded isoform (2) is shorter than isoform 1.</p>