

Product datasheet for **SC100687**

Mitochondrial ribosomal protein L11 (MRPL11) (NM_016050) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mitochondrial ribosomal protein L11 (MRPL11) (NM_016050) Human Untagged Clone
Tag:	Tag Free
Symbol:	Mitochondrial ribosomal protein L11
Synonyms:	CGI-113; L11MT; MRP-L11
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_016050 edited ATGTCAAAGCTCGGCCGGGCCCGCCCGGGCCTCAGGAAGCCCCGAGGTCGGCGGTGTGATC CGGGCGATCGTGC GGCCAGGCCTGGCCATGCCCGGGCCCCACTAGGCCAGTGTGGT CAGAGAGGCGTTTCCATCAACCAGTTTTGCAAGGAGTTCAATGAGAGGACAAAGGACATC AAGGAAGGCATTCTCTGCCTACCAAGATTTAGTGAAGCCTGACAGGACATTTGAAATT AAGATTGGACAGCCACTGTTTCTACTTCTGAAGGCAGCAGCTGGGATTGAAAAGGG GCCCGGCAAACAGGAAAGAGGTGGCAGGCCTGGTGACCTGAAGCATGTGTATGAGATT GCCCGCATCAAAGCTCAGGATGAGGCATTTGCCCTGCAGGATGTACCCCTGTCGTCTGTT GTCCGCTCCATCATCGGGTCTGCCCGTTCTCTGGGCATTCGCGTGGTGAAGGACCTCAGT TCAGAAGAGCTTGACGCTTTCCAGAAGGAACGAGCCATCTTCTGGCTGCTCAGAAGGAG GCAGATTTGGCTGCCCAAGAAGAAGCTGCCAAGAAGTGA
5' Read Nucleotide Sequence:	>OriGene 5' read for NM_016050 unedited CACGAGGCTGAAGCCAGCAGCCCCGCATCATGTCAAAGCTCGGCCGGGCCCGCCGGGGCC TCAGGAAGCCCGAGGTCGGCGGTGTGATCCGGGCGATCGTGC GGCCAGGCCTGGCCATGC CCGGGCCCCCCACTAGGCCAGTGTGGTCCAGAGGGCGTTTCCATCAACCAGTTTTGCA AGGAGTTCAATGAGAGGACAAAGGACATCAAGGAAGGCATTCTCTGCCTACCAAGATTT TAGTGAAGCCTGACAGGACATTTGAAATTAAGATTGGACAGCCACTGTTTCTACTTCC TGAAGGCAGCAGCTGGGATTGAAAAGGGGCCCGCAAACAGGAAAGAGGTGGCAGGCC TGGTGACCTTGAAGCATGTGTATGAGATTGCCCGCATCAAAGCTCAGGATGAGGCATTTG CCCTGCAGGATGTACCCCTGTCGTCTGTTGTCCGCTCCATCATCGGGTCTGCCCGTTCTC TGGGCATTCGCGTGGTGAAGGACCTCAGTTCAGAAGAGCTTGACGCTTTCCAGAAGGAAC GAGCCATCTTCTGGCTGCTCAGAAGGAGGCAGATTTGGCTGCCCAAGAAGAAGCTGCCA AGAAGTGACCCTTGCCCCACCACTCC
Restriction Sites:	NotI-NotI
ACCN:	NM_016050



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Insert Size:	1000 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:	<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:	NM_016050.2 , NP_057134.1
RefSeq Size:	840 bp
RefSeq ORF:	579 bp
Locus ID:	65003
UniProt ID:	Q9Y3B7
Cytogenetics:	11q13.2
Domains:	Ribosomal_L11
Gene Summary:	<p>This nuclear gene encodes a 39S subunit component of the mitochondrial ribosome. Alternative splicing results in multiple transcript variants. Pseudogenes for this gene are found on chromosomes 5 and 12. [provided by RefSeq, May 2014]</p> <p>Transcript Variant: This variant (1) encodes the longest isoform (a).</p>