

Product datasheet for **SC120707**

MRPL14 (NM_032111) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MRPL14 (NM_032111) Human Untagged Clone
Tag:	Tag Free
Symbol:	MRPL14
Synonyms:	L14mt; L32mt; MRP-L14; MRP-L32; MRPL32; RMPL32; RPML32
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC120707 sequence for NM_032111 edited (data generated by NextGen Sequencing) ATGGCTTTCTTTACTGGGCTCTGGGGCCCTTCACCTGTGTAAGCAGAGTGCTGAGCCAT CACTGTTTCAGCACCACTGGGAGTCTGAGTGCGATTGAGAAGATGACGCGGTACGAGTG GTGGACAACAGTGCCCTGGGGAACAGCCATACCATCGGGCTCCTCGCTGCATCCATGTC TATAAGAAGAATGGAGTGGGCAAGGTGGGCGACCAGATACTACTGGCCATCAAGGGACAG AAGAAAAGGCGCTCATTGTGGGCACTGCATGCCTGGCCCCGAATGACCCCCAGATTT GACTCCAACAACGTGGTCCTCATTGAGGACAACGGGAACCCTGTGGGGACACGAATTAAG ACACCCATCCCCACCAGCCTGCGCAAGCGGAAGGCGAGTATTCCAAGGTGCTGGCCATT GCTCAGAACTTTGTGTGA Clone variation with respect to NM_032111.2 300 c=>t



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_032111 unedited <pre> GTACCATTATGTAATACGACTTACTATAGGGCGGCCGCGAAATTCGCACGAGGGCGGCGC TTGGCTGGTGGGGCCCGCGCGGGATTTCCCGGGCGGCGAGAGCGGATCTATCTTGGGA TCCCATGGCTTTCTTTACTGGGCTCTGGGGCCCTTACCTGTGTAAGCAGAGTGCTGAG CCATCACTGTTTCAGCACCAGTGGGAGTCTGAGTGCGATTGAGAGATGACGCGGGTACG AGTGGTGGACAACAGTGGCCTGGGGAACAGCCCATACCATCGGGCTCCTCGCTGCATCCA TGCTATAAGAAGAATGGAGTGGGCAAGGTGGGCGACCAGATACTACTGGCCATCAAGGG ACAGAAGAAAAAGGCGCTCATTGTGGGCACTGCATGCCTGGCCCCGAATGACCCCGAG ATTTGACTCCAACAACGTGGTCTCATTGAGGACAACGGGAACCTGTGGGGACACGAAT TAAGACACCCATCCCCACCAGCCTGCGCAAGCGGGAAGGCGAGTATCCAAGGTGCTGGC CATTGCTCAGAACTTTGTGTGAGTTGAGCCAGGCCTCTGGTTGCAGGACTCGTGAATGG AGCAGTTCTGAGAACCACCCTTTTGCTAAGGGAGCTTGGGAGCCACATGGCTGCTCCCTT CACACTGGGTAAACAGTGTAGTATCCTGTGAGAGAATAAATGTATTCAATTAACAAAAA AAAAAACTCGACTCTAGATTGCGGCCGCGTCATAGCTGTTTCTGAACAGATCCCGG TGGCATTCTGTGACCCCTNNCAGTGCCTCTCCTGGGCCTGGAAGTCCCACTCCAGTGCC CACAGCCTGTTCTAATAAATTAGTTGCANATTTGTCTGACTNGTGTCTTCATATATAT TGGTGAGAGGGGGGGTTTGAACCAAGGCAAAATTGGGAAAACAACCTTAGCCCTTCGG GGTT </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_032111
Insert Size:	800 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_032111.2 , NP_115487.2
RefSeq Size:	791 bp
RefSeq ORF:	438 bp
Locus ID:	64928
UniProt ID:	Q6P1L8
Cytogenetics:	6p21.1
Domains:	Ribosomal_L14

Gene Summary:

This nuclear gene encodes a protein component of the 39S subunit of the mitochondrial ribosome. A pseudogene of this gene is found on chromosome 17. [provided by RefSeq, Jan 2016]

Transcript Variant: This variant (1) encodes isoform a. Variants 1, 2, and 3 encode the same isoform (a).