

Product datasheet for SC119506

RPL38 (NM_000999) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: RPL38 (NM_000999) Human Untagged Clone
Tag: Tag Free
Symbol: RPL38
Synonyms: L38
Mammalian Cell Selection: None
Vector: pCMV6-XL5
E. coli Selection: Ampicillin (100 ug/mL)
Fully Sequenced ORF: >OriGene ORF within SC119506 sequence for NM_000999 edited (data generated by NextGen Sequencing)

```
ATGCCTCGGAAAATTGAGGAAATCAAGGACTTCCTGCTCACAGCCCGACGAAAGGATGCC
AAATCTGTCAAGATCAAGAAAAATAAGGACAACGTGAAGTTTAAAGTTTCGATGCAGCAGA
TACCTTTACACCCTGGTCATCACTGACAAAGAGAAGGCAGAGAAACTGAAGCAGTCCCTG
CCCCCGGTTTGGCAGTGAAGGAACTGAAATGA
```

Clone variation with respect to NM_000999.3

5' Read Nucleotide Sequence: >OriGene 5' read for NM_000999 unedited

```
GTATACGACTCACTATAGCGCGCCGCGACTTCGGCACGAGGGTGAGTGTCTCTAGGGTGA
TACGTGGGTGAGAAAAGGTCCTGGTCCGCGCCAGAGCCCAGCGCGCCTCGTCGCCATGCC
TCGAAAATTGAGGAAATCAAGGACTTCCTGCTCACAGCCCGACGAAAGGATGCCAAATC
TGTCAGATCAAGAAAAATAAGGACAACGTGAAGTTTAAAGTTTCGATGCAGCAGATACCT
TTACACCCTGGTCATCACTGACAAAGAGAAGGCAGAGAAACTGAAGCAGTCCCTGCCCCC
CGGTTTGGCAGTGAAGGAACTGAAATGAACCAGACACACTGATTGGAAGTGTATTATATT
AAAATACTAAAAATCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAACTCGACTCTAAATTGCGGCCGCGGTATAGCTGTTTCTGAACAAATCCCGGTGGC
ATCCCTGTGACCCTCCCAAGTGCCTCTCTGGCCCTGGAAGTTGCCACTCCAGTGCCCA
CCAGCCTTGTCCTAAAAAATTAAGTTGCATCATTGTTGCTGACTAGGTGTCTTCATAAA
TATGGGAGGGGGGGGGGTTNNNNNNNNNCCGGGGGNNNNNTNAGAAAAACCCCGG
GGGGGCCCGGGGGGTCTATTGGGAACCAGCTGGGAGGGCAGGGGAAAATTTTGGCTCAC
TGGAAATCCTCCGTTCCGGGTAACGATTTCTGCCTAGCTCCCAAGTGTGTGGGGGATC
CCAGGCTTGCTGACCCGCTAGTAATTTTGGTTTTTTGGGAAGAGGGGGGGTTCCACA
TAGGGGCAGGTGGTTCCACCCTAATTTAGGGGACTACCCCTTTGCCTCAAATGGTGG
AATACAGGGGGGAACCCGGCCCTTCCGGCTTTGAAATAAAAAACATACGAA
```

Restriction Sites: NotI-NotI



[View online »](#)

ACCN:	NM_000999
Insert Size:	410 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:	<u>NM_000999.2</u> , <u>NP_000990.1</u>
RefSeq Size:	368 bp
RefSeq ORF:	213 bp
Locus ID:	6169
UniProt ID:	<u>P63173</u>
Cytogenetics:	17q25.1
Domains:	Ribosomal_L38e
Protein Families:	Druggable Genome
Protein Pathways:	Ribosome
Gene Summary:	<p>Ribosomes, the organelles that catalyze protein synthesis, consist of a small 40S subunit and a large 60S subunit. Together these subunits are composed of 4 RNA species and approximately 80 structurally distinct proteins. This gene encodes a ribosomal protein that is a component of the 60S subunit. The protein belongs to the L38E family of ribosomal proteins. It is located in the cytoplasm. Alternative splice variants have been identified, both encoding the same protein. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome, including one located in the promoter region of the type 1 angiotensin II receptor gene. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (1) is the longer and predominant transcript. Variants 1 and 2 encode the same protein.</p>