

Product datasheet for **SC119488**

RPL19 (NM_000981) Human Untagged Clone

Product data:

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|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | RPL19 (NM_000981) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | RPL19 |
| Synonyms: | L19 |
| Mammalian Cell Selection: | None |
| Vector: | <u>pCMV6-XL5</u> |
| E. coli Selection: | Ampicillin (100 ug/mL) |
| Fully Sequenced ORF: | >OriGene ORF within SC119488 sequence for NM_000981 edited (data generated by NextGen Sequencing) |

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ATGAGTATGCTCAGGCTTCAGAAGAGGCTCGCCTCTAGTGTCTCCGCTGTGGCAAGAAG
AAGGTCTGGTTAGACCCCAATGAGACCAATGAAATCGCCAATGCCAACTCCCGTCAGCAG
ATCCGGAAGCTCATCAAAGATGGGCTGATCATCCGCAAGCCTGTGACGGTCCATTCCCGG
GCTCGATGCCGAAAAACACCTTGGCCCGCCGGAAGGGCAGGCACATGGGCATAGGTAAG
CGGAAGGGTACAGCCAATGCCCGAATGCCAGAGAAGGTACATGGATGAGGAGAATGAGG
ATTTTGCCTGGCTGCTCAGAAGATACCGTGAATCTAAGAAGATCGATCGCCACATGTAT
CACAGCCTGTACCTGAAGGTGAAGGGGAATGTGTTCAAAAACAAGCGGATTCTCATGGAA
CACATCCACAAGCTGAAGGCAGACAAGGCCCGCAAGAAGCTCCTGGCTGACCAGGCTGAG
GCCCGCAGGTCTAAGACCAAGGAAGCACGCAAGCGCCGTGAAGAGCGCCTCCAGGCCAAG
AAGGAGGAGATCATCAAGACTTTATCCAAGGAGGAAGAGACCAAGAAATAA
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Clone variation with respect to NM_000981.3



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| 5' Read Nucleotide Sequence: | <p>>OriGene 5' read for NM_000981 unedited</p> <pre>AATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGGCAGCCATGAGTATGCTCA GGCTTCAGAAGAGGCTCGCCTCTAGTGTCTCCGCTGTGGCAAGAAGAAGGTCTGGTTAG ACCCCAATGAGACCAATGAAATCGCAATGCCAACTCCCGTCAGCAGATCCGGAAGCTCA TCAAAGATGGGCTGATCATCCGCAAGCCTGTGACGGTCCATCCCGGGCTCGATGCCGA AAAAACACCTTGGCCCGCCGGAAGGGCAGGCACATGGGCATAGGTAAAGCGGAAGGGTACAG CCAATGCCCGAATGCCAGAGAAGGTCACATGGATGAGGAGAATGAGGATTTTGCGCCGGC TGCTCAGAAGATACCGTGAATCTAAGAAGATCGATCGCCACATGTATCACAGCCTGTACC TGAAGGTGAAGGGGAATGTGTTCAAAAACAAGCGATTCTCATGGAACACATCCACAAGC TGAAGGCAGACAAGGCCCGCAAGAAGCTCCTGGCTGACCAGGCTGAGGCCCGCAGGTCTA AGACCAAGGAAGCAGCAAGCGCGTGAAGAGCGCCTCCAGGCCAAGAAGGAGGAGATCA TCAAGACTTTATCCAAGGAGGAAGAGACCAAGAAATAAACCTCCCACTTTGTCTGTACAT ACTGGCCTCTGTGATTACATAGATCAGCCATTAATAAAAACAAGCCTNTAATCTGCAAA AAAAAAAAAAAAAAGTCTAGATTGCGGNCCTGCTATAAGCTGGTTCCTGAACGA TCCCCGGGTGGCATCCNTGTGACCCCTNCCCAGTGCCTCTCCTGCCCTGGAAATTGCCAC TCCAGTGCCACCCAGCCTGTCTATAAAATAAGTGCTCATTGCTGACTAGGGTCTATATA TGGGGGGGGGGGGGGGGGGGGNNNNNNNNNNNNNCGGACAGGGAAAAAAA</pre> |
| 3' Read Nucleotide Sequence: | <p>>OriGene 3' read for NM_000981 unedited</p> <pre>AGAGTCGAGTTTTTTTTTTTTTTTTTGCAGATTAAGGCTTGTATTTTAAATGGCTGA TCTATGTAATCACAGAGGCCAGTATGTACAGACAAAGTGGGAGTTTTATTTCTGGTCT CTTCTCCTTGGATAAAGTCTTGATGATCTCCTCCTTCTTGGCCTGGAGGCGCTTTCAC GGCGCTTGCCTGCTTCTTGGTCTTAGACCTGCGGGCCTCAGCCTGGTCAGCCAGGAGCT TCTTGGCGGCCTTGTCTGCCTTCAGCTTGTGGATGTGTTCCATGAGAATCCGCTTGT TGAACACATTCCTTACCTTCAGGTACAGGCTGTGATACATGTGGCGATCGATCTTCT TAGATTCACGGTATCTTCTGAGCAGCCGGCGAAAATCCTCATTCTCCTCATCCATGTGA CCTTCTCTGGCATTGGGCGATTGGCTGTACCCTCCGCTTACCTATGCCCATGTGCCTGC CCTTCCGGCGGGCAAGGTGTTTTCCGGCATCGAGCCCGGAATGGACCGTCACAGGCTT GCNGATGATCAGCCATCTTTGATGAGCTTCCCGATCTGCTGACGGGGAGTCGCATTGGC GATTTTCATTGGCCCTATTGGGTCTAACCAGACTTNTTTCTGCCACAGCGGAGGACACTAG AAGCGAGCCTTTTTCTGAGCCCTGAGCTTACTCATTGGCTGCCCTCGTGCCGAATCCCG GCCGCCCTTAAGTGAGTTGGATTACAAAATCTGACGGTTAACTAAACAAGCTCTGCCTA TTATAGACTCCCACCGGAACACCCTACCGNCCATTTGGGGTACAGGGGCCGGGGTATTAC AACATTTTGAAAGCCCCGTGAATTTGGGCCAAACAACCTCCCATGCCGCATGGGGGGG CACTTGGAATCCCGGGATAAACACTTTTCCACCCCATGGGGTGTCAAACCCGCTCCCT CGTAAAAGGAGAACATCCCAAATCCCGCAATGAAAACCTAGGGTTGATTGGCATA CCCGGGCCTCTCACCTTAG</pre> |
| Restriction Sites: | NotI-NotI |
| ACCN: | NM_000981 |
| Insert Size: | 740 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_000981.3](#), [NP_000972.1](#)

RefSeq Size: 748 bp

RefSeq ORF: 591 bp

Locus ID: 6143

UniProt ID: [P84098](#)

Cytogenetics: 17q12

Domains: Ribosomal_L19e

Protein Pathways: Ribosome

Gene Summary: 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 L19E family of ribosomal proteins. It is located in the cytoplasm. As is typical for genes encoding ribosomal proteins, there are multiple processed pseudogenes of this gene dispersed through the genome. [provided by RefSeq, Jul 2008]