

Product datasheet for **RN200596**

Mrpl19 (NM_001029898) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mrpl19 (NM_001029898) Rat Untagged Clone
Tag: Tag Free
Symbol: Mrpl19
Synonyms: MRP-L15; Rpml15
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN200596 representing NM_001029898
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCGGCCCTCCATGGCAGAAAGTTGTAGGGTGTCCATGTACCTGGCCTGGAGCTACCGAATGGCCAGGC
CACGGCTTGCTGCTCTCGCGTCTGATGCCTGCCGTGCCACACGGGCCAAAGTCGGTTTCAGAGCACTGG
GCCATCCGAGCCCGGTGGGTTCAAGCCGCCGCGAAACCTGTATTGTGGACCGGCCGAGCCCCAGAG
GAAGAGAGAAGGTTCTGAGTCCTGAATTCATCCCTCCAAGGGGGAGAACAACCCCTCTGAAATTTGAGA
TAGAAAGAAGAGATATGCTGGACAGGAGAAAGGTGCTTCCATTCCAGAGTTCTATGTCCGGAAGCATACT
GCGCGTACCACAGCTGACCCCTATGCCAGTGGGAAAACCCAGCCAGTTTCTGGGGATTTGCATCAAGCGA
TCAGGAAGTGGGCTTGGGGCTACTTTCACCCTCAGGAACACGATCGAAGGACAAGGTGTGGAGATTTGCT
TTGAACTGTATAACCCCTCGAATCCATGAGATCCAAGTGGTGAAGTTGGAGAAGCGGCTGGATGACAGCCT
GCTGTACTTACGGGATGCCCTCCCCGAGTACAGCACCTTCGATGTGAATATGAAGCCAGTTCCACTTGAG
TCCTGCCAGGAAGTGCCTGTGAACAAGCTGAAAGTTAAAATGAAGCCAAAGCCGTGGTCTAAACGCTGGG
AACGTCCGAACCTCAACATTAAGGGATCAGATTTGATCTTAACTGAAGACAAAATGAAAGAAGC
CCAGAAGTGGAGCAAGCCATGGCTTGAGTTTGATATGATGAGAGAATATGACACTTCAAAAATTTGAAGCT
GCATTGTGGGAAGAAATAGAAGCATCAAAGAAGTCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001029898
Insert Size: 879 bp



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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_001029898.1, NP_001025069.1</u>
RefSeq Size:	1169 bp
RefSeq ORF:	879 bp
Locus ID:	297372
Cytogenetics:	4q34
Gene Summary:	may act as a structural component of mitochondrial ribosomes [RGD, Feb 2006]