

## Product datasheet for **RN210455**

### Mrpl37 (NM\_001004235) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Mrpl37 (NM\_001004235) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Mrpl37  
**Synonyms:** Rpml2  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN210455 representing NM\_001004235  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCCTTGGCGTCCGGGCCGCTATGCGGGCACTCGCTGGCTCTGCGAGGCTCGGCCTCGGGGCTACG  
 GGGCCCCGAAACGCGGAGCGTATGAGTGGGTGTGCGCTCCACTCGGAAACCGGAGCCTCGCCCCCTGGA  
 CAGGGTGTACGAGATCCCTGGCCTGGAACCCATTACCTACGAGGGCAAGAAGCACTTCGTCCCGTGGCTG  
 CGGAAGCCGATCTTCCCGCGTGGGAGCGCGGCTGGATTGACCCACGGTTCACCGTGCAGCCCAATCC  
 ACGAGCAGCCTCTGTACAAGGAGCAACCCTGCTACATCTTCCACCAGCGTTGTCGACTCCTTGAGGGTAT  
 GAAGCAGGCTCTCTGGCTTACTAAGACCAAGTTAATAGAGGGTCTCCCCAAGAAAGTGCTTAGTCTTGT  
 GATGATCCAACCAATCACATCGAGAACCAAGAACAACGTGTTCTGGATATCATCTCTCATTCCCGGCTCT  
 GGCACCTCACTGAGGACATCCCCAAGAGAGAGACTTACTGCCCGCTCATTGTGGACAACCTCCTACAGCT  
 GTGTAAGTCCCAGATTATCAAGCACCTTCTCTAGCCAGCGGACCTCTGCCAAAAGTCTCCTTAGCC  
 ACCACCTGGAATCGAGAGTCTCTTCTCCTCAGGTCCGAGGTACGAGTAGTACCATGCTGAGTGCCAAGG  
 ATCCCCTGCCCCCATTGCCTCCAGAGAGGAGGTTGAAGCTACCAGAAGTCATGTTCTCGAAACCTTCTA  
 TCCCATATCTCCTACCATCGATCTTCCAGGAGTGCCATGTCTATGAAGTGAAGAAGACACAGGATTCCGG  
 GAGGGCTATCCTTATCCCATCCCCACACCTTGTATATCCTGGAAAAAGCCAATTTACGGCCACAGCGCT  
 TTCTTCCAGAACAGCTAAGGGCTAAGATGCTCCTGTTTGTTCGCAAATGCCCTGGCTCAGGCCAGGCT  
 CCTCTATGGGAACACAGCCAGAGTCTTGGAGCAGCCCATAGTCGTGCAGAGCGTGGGCACCGATGGCCGT  
 GTCTTCCAGTTTCTGGTGTGACAGTTGAACACCACAGATCTGACATCTAGTGAGGGCGTCAAGAATTTGG  
 TATGGACAGACTCAGACCAGCTCCTTACCAGCACTTCTGGTGTGCGCCAGTCATCAAAAAAAGGTGGT  
 GGTGGAACCTGTTGGCCTGTTGATTTCCAGCCAGAGACCTTCAAGAAGTCTTAGCTCTGTACTTGCAT  
 GGTGCTGT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001004235
<b>Insert Size:</b>	1272 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001004235.1</a></u> , <u><a href="#">NP_001004235.1</a></u>
<b>RefSeq Size:</b>	1478 bp
<b>RefSeq ORF:</b>	1272 bp
<b>Locus ID:</b>	56281
<b>UniProt ID:</b>	<u><a href="#">Q6AXT0</a></u>
<b>Cytogenetics:</b>	5q34
<b>Gene Summary:</b>	mitochondrial ribosomal protein [RGD, Feb 2006]