

## Product datasheet for **MC202896**

### Rpp40 (NM\_145938) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Rpp40 (NM\_145938) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Rpp40  
**Synonyms:** D8Bwg1265e; Rnasep1  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC024607 sequence for NM\_145938  
GGCACTTACTGGTCTGTGAGAAATCCAACCTTCGGCCACGATAAGTCTCGCCATAAGCATCTCGTGGAGAC  
GCACTATCATAATTACAGGGTTTCATTTCTTATTCTGAATGTGGGCTTCTATCAAAAGAGCTAAAAGC  
CTGGTCATGGACATTGGACCCTATTACTCTGTGAAGAACTTACCTCTTCATGAATTAATTACACACGAGT  
TCATCAACACCTTTGTAAGAAAGGTTCTTCTCTGCATTAACATACAATACAAGTATTGATGAGGATAA  
TACTGTTGCTCTCTACCAAATGGGAAATTAATTTTACTACTAGATAAAGATACTTACGAAGAAACCGGA  
CTTCAAGGTCGTCCATCTCGGTATTCTGGCAGAAAAAGTATGAAGTTTGCATTTCCATTGACCTAATGG  
ATTTATCCCTTAACCTGGATTCTAAGAAGTACAGAAGAATATCTTGGTCTTCAAAGAGAAGAAGCCTTT  
GAAGTTTGATTTCTTTGGCTTGGCATCTACAGGTACAGAAGAATCAACAATGATGTCGTAATTTTCC  
AAATACCAAATTCAGGAGCATCAGCCAAAGTGGCATTGAGCACAGTGAGAGAGCTGCAGTGCACGAGTGC  
TGGGAGCAGCGGCTTGCAGGAGAGCCGAGGAGGCCTGCAGTGCCTGGAGTTCTTTGACTGGCTTGG  
TGCTGTCTTCTGCAGTGGGACCTAAATAACGAGCCTTATAACTTCATATCAACCTACTGCTGTCCCCAG  
CCAAGCGCGTGGTAGCCCAAGCTTTTCTGTGTACAATCACAGTTTCATATTGCCAGAGAAGATACATG  
TCCTTCTGGAACAGCTGTGTCACACTCTCGATGAACAAAGTTGGCTCCATGGGTACCTTGACAGTTCA  
AGGCTTTGCAGACAGCCCGTTGCCTGGAGAGAGAAGGAACATGGCTTCCATAAAGGAGGCGAGCACTTG  
TACAATTTGTGGTTTTCAATAATCAGGACTATTGGCTTCAGATGGCTGTTGGGGCAAATGATGACTGCC  
CACCATAAAGATGCAAAGTTTAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_145938

**Insert Size:** 912 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).



<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="#">BC024607</a></u> , <u><a href="#">AAH24607</a></u>
<b>RefSeq Size:</b>	1088 bp
<b>RefSeq ORF:</b>	912 bp
<b>Locus ID:</b>	208366
<b>UniProt ID:</b>	<u><a href="#">Q8R1F9</a></u>
<b>Cytogenetics:</b>	13 A3.3
<b>Gene Summary:</b>	Component of ribonuclease P, a ribonucleoprotein complex that generates mature tRNA molecules by cleaving their 5'-ends. Also a component of the MRP ribonuclease complex, which cleaves pre-rRNA sequences.[UniProtKB/Swiss-Prot Function]