

## Product datasheet for MC202773

### Rpp25 (NM\_133982) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Rpp25 (NM\_133982) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Rpp25  
**Synonyms:** AI851155  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC083064 sequence for NM\_133982  
 AGGGCGCAGAGTAGAACATCACTACCCTGTAGAAGTCTGGGCTGAAGACTGCACGTTCCCAGCCCACCCCT  
 CCAACCTTCACTCGGCGCCGGCACCCCAATCCCTGCCAGCTCTCGCCCGGCACGACCCGCGGCCATGCAG  
 CCCCGGGCTTGAGGCGGCCCATGGCAAAACCTGCGATCCCAGCGACGACGGCGCATGGAGAACTCCGT  
 AAGGTGCGCTCGGAGGAGCGCCGGCGGGGACGGTGATGAGGGTGGCAGCCGAACCTCTGGCCCTTTTG  
 CAGATCTGGCACCCGGTCTGTACACATGCGGGTCAAGGAGGGCAGCAAGATCCGCAACCTACTGGCCTT  
 CGCCACCGCCAGCATGGCGCAGCCAGCCACGCGGCCATCGTCTTCAGTGGCTGCGGCCGGGCCACCACC  
 AAGACCGTCACGTGCGCCGAGATTCTCAAGCGCCGCTGGCGGGCTTACACCAGGTCACGCGGCTGCGCT  
 ACCGGAGCGTGCAGGAGGTGGCAGAGCCTCCCGCTGGGCCACACCCGGTCCAGCGCCAGCGATCC  
 GGCCGCCAGTCTCAGTGTACTTAAGAATGTACCGAGCCTCGCCATCCTACTTTCAAAGGACGCACTGGAT  
 CCACGACAACTTGCTACCAGCCTCCGAACCTCAGTCCTGGTCTTCGTCCCTCCTACGGTGTGCGACGT  
 CCAAGAGGAGCCTGGGGGAATCTGCTGCTGAAGAAGGCACCGCTAAGCGGTCTCAGCCTGAGCCAGAGGC  
 TGAGAATGAGGACAGGACCGCCTGAGAATTCTCGCCTCTGAGCCACCCAGACCGACTGAATCATATATCT  
 TCAACACTCCTGCATACCTTTCAACACACGCACCTTTCATACCTGGGTTTTAAGGGGCCCATGTTCTCGG  
 ACACCGGTCTCAGAATGACAGCGCGGATCCCAAGGCGACAGGAGAGAGCTCAGGAATGAGAAGAGAGGA  
 TCCTTGAAGTCCAAGGAACTTTGTGGGACATGTTACCAGAAGCCACAGAACCACCCACACCTTTGCT  
 AGGCCGTCTTTTTAGGGAAGCATGGTGGGTAGTGGGACTCTTGAGCTTTCTTGGGGACCCAGACGTTAA  
 AAGCACCCAGTATGCATGGATGCTGACAGTTGAGGCTTTAAAAATCATCTTTGCTGTTAACTGAGAGCGG  
 GAGCTACGGAGCTGATTACTTGAGGATGGCCAAGTTGAAAATGTCCGGACCCTATTCTGCACCCACAC  
 ACACACACCCCTAGCAATTCCTTTTAGCATCCCTCCCCACCCGCTTGCATGATGGCTGAGAGGGGA  
 CTTAGGACAAAATCTGCCATGCTTCTCCCGAGTCTGCTGGAGTCTTGCTTCCAATAAAACAAACGTTG  
 AAAATGGAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI  
**ACCN:** NM\_133982  
**Insert Size:** 600 bp



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<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="#">BC083064</a></u> , <u><a href="#">AAH83064</a></u>
<b>RefSeq Size:</b>	1426 bp
<b>RefSeq ORF:</b>	600 bp
<b>Locus ID:</b>	102614
<b>UniProt ID:</b>	<u><a href="#">Q91WE3</a></u>
<b>Cytogenetics:</b>	9 B
<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]