

Product datasheet for **MC202581**

Rpp14 (NM_025938) Mouse Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Rpp14 (NM_025938) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Rpp14 |
| Synonyms: | 2610511E03Rik; AA682089 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | PCMV6-Kan/Neo (PCMV6KN) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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Fully Sequenced ORF: >BC046803 sequence for NM_025938
 CCGAACTTGGGCTGCTGCGTGGGAACTCCGACCCATGCCGAATTCTAGCGGCGTGCAAGAGTCAGGAACG
 CGGTTATTCCAGTGATCCTCTCCGTCCTGGGCCGAGGCGGTTTAGCCTCGCGGGGAGGTGTCCATGTTG
 GAAGATGCCAGCGACTGCATATGAAAGAGTAGTTTACAAGAGCCCTCAGAGTATCACTACATGAAAGTC
 TGTCTAGAGTTTCAAGAACATGGGGTTGGACTGAACGTGGCACAGTTCAAACAGCTGCTCGTCTCAGCCC
 TGAGAGACCTGTTTGGGAGGTCCGTCGCGTCTGCCTGTGGATGTTCTCACCTACGATGAGAAGACACT
 GTCGGCCATCTTGAGAATATGCAGCAGTGGTCTGGTCAAATTATGGAGTCTTTGACCTGTTTGGAGCC
 TATAAAAGCAAGAAGTGCCTTCAGAGTGATTACAGGTGCTCCCTTTCTCCTTGCAATTATCTGGCAATA
 GCAGGGAACAAGTATTGGACTGAATACTTTACAGGTCCAGATACTTCCACTCTCCACAGTGCCTTAGG
 TGTCTACATTATTTGAAAACAGACGAAGGCTAAAGCCCTGTTGGTGACATTTGGAGATACTGAAGATGT
 GGCGTGGGCTTCAGAGGAGACTGTGGCAACATCATGTGGTACCAACAGGGCAGTGTTCAGTATGTGCA
 CACGAAAGTTGGAGACCGAGCGGAGCTCAGCAGAGCCTTACACAGCAGGATGTAGCTACCTTCTCAGAG
 TTAACGGGAGATGCCAATCCTTTGCATTAAGTGAAGATTTTGCAAAACACTCCAAGTTTGGAAAGACAA
 TTGTTCCAGGAGTTTGTATAAATGGACTTATTTACAGTCTCCTGGGCACCAAAATGCCAGGGCCAGGCTG
 TGTGTTTCTTTCCAGGAAATTAATTTCTGCTCCTCTATATGTTGGAGAGGTGGTCTTAGCATCTGCA
 GAAGTGAAAAGGCTGAAGCAGTCTGTTGCTGTTGTTGCAGTGTCTGTTGTGTAATAGAAAGTAAGAAGA
 CAGTTATGGAAGGCTGGGTTAAAGTTATGGTCCCAGGAGCTCCTAGATCCTGAAATACAAATTTAAAGTT
 ATACATTTAAAAACCTGTGCTCTTATTATCAAATGACACCCGGGGAGGTGGGCTGCTGCTTCTCTGGAG
 GAATGCTGGTATATCCAGAAGCTGTGTGGGAAGGGGAGACTTCCAGATTGGTGCATGGTTTGTCCAGAC
 TTAATATGTGCAAGATCTATTGTCTATCAAGTTTGGATTTTTTTTTTCCAATAAAAAACAATTGA
 GAGGGCTGGAGAGATGGCTTATCAGTTAGGATCACTGGCTGCTTCCAGAGTATCTGGGTTCAATTCC
 TAATACCCACATAGCTGCTCACAACGTATGTAACCTCAGTCTCAGGTGATCCAACACCATCTTCTGGCC
 TGTGCCGAAACTACCTGCACATGGTACACAGACATACATGCATACGTGCAAGCAAAATACAAATACAATA
 ATAGTAAGATAAAAATCTTTTTAAATTTGGGAAGACTATCTTCATGTTTTACTTTTCAAGATTTGAAACAGT
 TATATTTGTATTTGATAACGTCTACGTAGTGTGAGGGATTTTCTTGGTGGATTATACCACCATGTAT
 ACCAAGTGCAGCAATGCAAGTATAACTGCAGCAATGCAAGTAGAGCCATCTGAAACACCTAATTCTGAG
 ACCCTTTCTCAGCGGCTTCTGGGCTAGGCTTATAATTCCTTACACCAAGATGTAATCTTTTGTGTCATGT
 GGTGCCACTGGCCTTTAGTTCCCACTTAGGAGGCAGAGGCAGGCAGAAATTTAAAGCTAACCTGTGTGCGT
 AGCAAGTTCTAGAACAGCCAGGGCTACATAAAGAGACCCTGTCAAACCAATAAAAAACAAAAAATGACATT
 TAATTCAAAAA

Restriction Sites: Ascl-NotI

ACCN: NM_025938

Insert Size: 369 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.

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| RefSeq: | <u>BC046803</u> , <u>AAH46803</u> |
| RefSeq Size: | 1984 bp |
| RefSeq ORF: | 369 bp |
| Locus ID: | 67053 |
| UniProt ID: | <u>Q9CQH8</u> |
| Cytogenetics: | 14 A1 |
| Gene Summary: | Component of ribonuclease P, a ribonucleoprotein complex that generates mature tRNA molecules by cleaving their 5'-ends.[UniProtKB/Swiss-Prot Function] |