

Product datasheet for **RN205160**

Rpp40 (NM_001013055) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rpp40 (NM_001013055) Rat Untagged Clone
Tag: Tag Free
Symbol: Rpp40
Synonyms: MGC108849
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN205160 representing NM_001013055
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGC**C

ATGGAAATGGGACCCTATTACTCTGTGAAGAAGTTACCTCTTCATGAATTAATTACACATGAATTCATCA
ACACCTTTGTAAGAAAGGTTCACTCTCTGCATTAACGTACAATACAAGTATTGATGAGGATAATACTGT
TGCTCTCTACCAAATGGGAAATTAATTTTACTCTGGATAAAGATACTTATGAAGAGACTGGACTCCAA
GGCCATCCATCTCGGTATTCTGGCAGAAAAAGTATGAGGTTTATCATTTCCATTGATCTAATGGATTAT
CCCTTAACCTGGATTCTAAGAAATACAGAAGAATATCTTGGTCCTTCAAAGAAAAGAAGCCTTTGAAGTT
TGATTTCTTTGGCTTGGCATCATACAGGTACAGAAGAATCAACAATGATGTCATACTTTCCAAATAC
CAAATTCGGGAGCATCAGCCAAAAGTGGCCTTGAGCACAGTAAGAGATCTGCAGTGCCAGTGCTTCAGA
GCAGCAGCCTTGAGGGGAGCCGGAGGAGGCTGCAATGCCCTGGAGTTCTTCGACTGGCTTGGTGCCGT
CTTCTGCAACGCGGACCTAAATAATGAACCTCATAATTCATATCAACCTACTGCTGTCCACAGCCAAAC
ACAGTGGCAGCCCAAGCTTGTCTGTGTACAATCACAGTTTCGTGTTGCCAGAGAAGACTTGTCTTC
TGGAACAGCTGTGTCACTTTGATGAACCGAAGTTGGCTCCATGGGTACCTTGACAGTTCAAGGCTT
TGCAGACAGCCCCGTTGCATGGAGGGAGAAGAACACGGCTTCCACAAAGGAGGAGCACTTGTACAAT
TTTGTTGTTTTCAATAATCAGGACTATTGGCTTCAGATGGCTGTTGGAGCAAATGATGACTGCCACCAT
AA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001013055
Insert Size: 912 bp



[View online »](#)

| | |
|-------------------------------|---|
| 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_001013055.1</u> , <u>NP_001013073.1</u> |
| RefSeq Size: | 1203 bp |
| RefSeq ORF: | 912 bp |
| Locus ID: | 291071 |
| UniProt ID: | <u>Q5BK64</u> |
| Cytogenetics: | 17p12 |
| Gene Summary: | 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] |