

Product datasheet for **MC203841**

Mpv17 (NM_008622) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mpv17 (NM_008622) Mouse Untagged Clone
Tag: Tag Free
Symbol: Mpv17
Synonyms: Tg.Mpv17
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC013452
 GAGCTGGCACTCAGGGAGCATGGCACTCTGGCGAGCATACCAGAGAGCCCTGGCAGCACATCCGTGGAAA
 GTCCAGGTTCTGACAGCTGGATCACTGATGGGCGTAGGTGACATGATCTCACAGCAGCTGGTGGAGAGGC
 GGGGTCTCCAGCAACACCAGGCAGGCCGCACTCTGACCATGGTATCCCTGGGCTGTGGCTTTGTGGGCC
 TGTCTGCGGAGGCTGGTACAAAGTTTTAGACCACTTAATCCCGGGCACCACGAAGGTGCATGCACCTGAAG
 AAGATGTTGTTAGATCAGGGGGGCTTTGCCCATGTTTCTAGGCTGCTTTCTCCACTGGTCGGGATAC
 TCAATGGAATGTCAGCCCAGGACAATTGGGCCAACTGAAGCGGGACTACCCTGATGCCCTCATCACAA
 CTAATGGAATGTCAGCCCAGGACAATTGGGCCAACTGAAGCGGGACTACCCTGATGCCCTCATCACAA
 CTACTATCTCTGGCCTGCTGTGCAGTTAGCCAACCTTACCTGGTCCCCCTGCATTACAGGTTGGCTGTT
 GTCCAGTGTGTTGCTATTGTCTGGAACCTACCTATCCTGGAAGGCACATCAGTTCTAAGCGTGCCTTG
 TTCCATGGTTTGCACCTTGTACTGATGCACCGTGACCCTGGAATGCTTGGACAGCTTCTTCAAACCTAAC
 ACATCAGGACTGGAGCGGTGACTCAGCTGTTAGAAGCACGGATTATCTGCTCTACAGAGGACCTAAATTT
 GGTTCAGCACCACATCGGGTGGCTCACAACCTCCATATGTCTCAAGCTCCAGGAGATCTGATGTTCTC
 TTCTGGCCTCTGAAGCACCTGCACAAACATGTATATACCCACGAATAGACACGCATTTGTAATTAAGCAC
 ACAATGAAATCTTTAAAAGGAAGGAGTGTGTCAGCTTCCATGCTATGGGGTTGCTGATCAGAATAGGGTG
 ACCACTCTGAAGTGGCACATTTCACTTTAACCCTAAGACATTTATAATATTGCTGTCACCTCTGGCCCTT
 AGCTGATGGGGACACACTATAAGAATTGTCTGGGGCTGGAGAGATGGCTCAGCCTGTAAGAGCACT
 GACTGCTCTTTCAGAACTCCTGAGTTCAAATCCAGCAACCACATGGTGGCTCACAACCTCTGTAAGA
 GATCTGACGCCCTCTTCTGGAGTGTCTGAAGACAGCTACAGTGTACTCATATTTAATTAATTAATTAATA
 ATTAATTAATTAATAGAAATTGTCTGGAAGCCAGGCATGGTGGTACATGCCCTCAATCCAGCACT
 TGGGAGGCAGAGGCAGGAGATTTCTGAGTTCAAGGTCAGCCTAGTCTACAGAGTGAGTTCCAGGACAGC
 CAGGGCTATACAGAGAAACCCTGTGTCAGGAAAAAAAAACAAAAAAAAACAAACCAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_008622
Insert Size: 531 bp



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| 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: | BC013452 , AAH13452 |
| RefSeq Size: | 1398 bp |
| RefSeq ORF: | 531 bp |
| Locus ID: | 17527 |
| UniProt ID: | P19258 |
| Cytogenetics: | 5 B1 |
| Gene Summary: | <p>Involved in mitochondria homeostasis. May be involved in the metabolism of reactive oxygen species and control of oxidative phosphorylation and mitochondrial DNA (mtDNA) maintenance (Probable).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) differs in the 5' UTR compared to variant 2. Variants 1, 2, and 4 encode the same isoform (1).</p> |