

Product datasheet for **RN209276**

Mpv17 (NM_001098240) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mpv17 (NM_001098240) Rat Untagged Clone
Tag: Tag Free
Symbol: Mpv17
Synonyms: Mpv17; Mpv17l
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN209276 representing NM_001098240
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCACTCTGGCGAGCATACCAGAGGGCCCTGGCTGCACATCCGTGGAAAGTCCAGGTTCTGACAGCTG
GGTCACTGATGGCCTAGGTGACATTATCTCACAGCAGCTGGTGGAAAGCGGGTCTCCAGCAACACCA
GACTGGCCGGACCTTGACCATGGCATCCCTTGGCTGTGGCTTTGTGGCCCTGTGGTCGGAGGCTGGTAC
AGGTTTTTGGACCACTTAATCCCGGCACCACCAAGGTGAATGCACTCAAGAAGATGTTGTTAGATCAGG
GGGGCTTTGCCCATGTTTCCTTGGCTGCTTTCTCCCACTGGTAGGGTACTCAATGGAATGTCAGCCCA
GGACAATTGGGCCAAACTGAAGCGGGACTACCCCGACGCCCTCATCACCAACTACTATCTCTGGCCTGCT
GTGCAGTTAGCCAACCTTCTACCTGGTCCCCCTGCATTACAGGTTGGCTGTTGCCAGTGCCTTGGCTTG
TCTGGAACCTCTACCTGTCCTGGAAGGCACATCAGCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001098240
Insert Size: 531 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).



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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_001098240.1, NP_001091710.1</u>
RefSeq Size:	1542 bp
RefSeq ORF:	531 bp
Locus ID:	360463
UniProt ID:	<u>Q5BK62</u>
Cytogenetics:	6q14
Gene Summary:	Involved in mitochondria homeostasis. May be involved in the metabolism of reactive oxygen species and control of oxidative phosphorylation and mitochondrial DNA (mtDNA) maintenance (By similarity).[UniProtKB/Swiss-Prot Function]