

Product datasheet for **RN213335**

Mplkip (NM_001109452) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mplkip (NM_001109452) Rat Untagged Clone
Tag: Tag Free
Symbol: Mplkip
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN213335 representing NM_001109452
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCACCGACCGAATTTTCGACCACCAACTCCTCCGTACCCAGCCCGGGGATAGGAGGTTGGGGTGGCG
 GAAACAACCTCCGGGTACCTGGGCGGGGGCCGCGCCGCCCTCCCGCGGGACGGGTACGGGAGTCC
 GCACCACACTCCGCCCTCGGGCCCCGGGCTAGGCCGTACGGGAGCAGCCACTCTCCGCGCAAGGCGGC
 AGCTTCTCGGGGGCCCGCTTCGGGTCTCCGTCCCCGGGCGGCTACCCAGGCTCCTACTCCAGTCCCCCG
 CGGGTCCCAGCATCAGTTCGGCTACTCCCAGGGCAGCAGACCTACCCAGGGTTCCTCCAAGGAC
 ATCTACACCATTTGGATCAGGGCGTGGTAGAGAAAAAGAATGTCTAATGAGTTGAAAGTTATTTTAAG
 CCTTCAATGCTTGAAGACCCTTGGGCTGGCCTAGAACCAGTATCTGTAGTGGATATAAGCCAACAGTACA
 GCAATACGCCAACATTCACAGGCAAAAAGGAAGATACTTTTCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001109452
Insert Size: 537 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_001109452.1, NP_001102922.1</u> |
| RefSeq Size: | 1529 bp |
| RefSeq ORF: | 537 bp |
| Locus ID: | 684996 |
| Cytogenetics: | 17q11 |