

Product datasheet for **RN200231**

Mprip (NM_001034022) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mprip (NM_001034022) Rat Untagged Clone
Tag: Tag Free
Symbol: Mprip
Synonyms: M-rip; Mrip; p116Rip; Rhoip3
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN200231 representing NM_001034022
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCGGCGGCCAAGGAGAACCCTGTCAGAAAATTTAGGCCAACATCTTCAACAAGAGCAAGTGTGAG
ACTGCTTCAAGCCCCGCGAGTCGCATCTGCTCAACGACGAGGACCTGACGCAGGCAAACCCATTTATGG
TGGCTGGCTGCTCCTGGCTCCAGATGGCACCGACTTTGACAACCCAGTACACCGGTCACGGAAATGGCAG
CGACGATTCCTTATCCTTTATGAGCATGGCCTCTTGCATATGCCCTGGATGAGATGCCACCACCCTTC
CTCAGGGCACCATCAACATGAACCAAGTGCACAGATGTGGTGGATGGGGAGGCCCGCACAGGGCAGAAGTT
CTCCCTCTGCATCCTAACACCTGACAAGGAACATTTTATCAGGGCAGAAACGAAGGAGATCATCAGTGGG
TGGTTAGAGATGCTCATGGTATATCCTCGAACCAAGCAGAACCAGAAGAAGAAACGGAAAGTAGAGC
CACCTACGCCACAGGAACCTGGGCTGCTAAGATGGCTGTCACTAGCAGTAGTGGTGGCAGCAGTGGAAAG
CAGCAGCAGCAGCAGCAGCAGCAGCATTCCAGTGTGAGAAAGTCCCCACCACCAATCCACACTCTGG
CAGGAAGAAATGAGAGCCAAAGACCAACCTGATGGGACCAGCTGAGTCCAGTTCCAGAGTCCCAGCCAAA
GCCAACCTCTGTGCTTGCACCCACGGGAAACAGGGCTAGACAGCAAAGAAGATGAAAACATTTTAAG
TGGGGACCGTGTGGATGGTGGTTCGAAAGTACGGGTAGAAAGCGGCTACTTCTCCCTGGAGAAGGCCAAG
CAGGACCTGAGGGCTGAGGAACAGCTGCCCCACTACTCTCTCCACCCAGCCCCAGCACCACACAGCA
GGAGGTCCAGGTAATTGAGAAATTTGAGGCTTGGACATTGAAAAGGCAGAGCAGATGGAACCAACAT
GCTGATTCTGACCACTCCATCCAGTGACACTCGTCAGGGCCGAGTGGAGACGGGCCATCCCTAGAAAAG
CGGCTGACCTGTGAATTTCAAGAAAGGCTGGCTAACCAAGCAGTATGAGGATGGCCAGTGAAGAAAC
ACTGGTTTGTCTGCGAGATCAGAGCCTGAGATACTACAGGGATCCGTGGCTGAGGAGGCAGCTGACCT
AGATGGAGAAATTAAGTGTCCACTTGCTATGATGTCAGTATCCAGTCCAGAGAACTATGGCTTT
CAGATACATACCAAGGAGGTGAGTTCACCTGTCCGATGACATCTGGCATAACGAGGAACTGGATCC
AGACCATTATGAAACATGTGCTCCCAACATCTGCCCCAGATGTGACCAGCTCATTGCCTGAGGGAAGAA
TAAAGGCACATCTTTGATACCTGCTTAAGGCCAAGTGAAGCAAGAAGCTGAGCCAGGAGAACCAGAT
CCTGAGCAGAAGAAAAGCCGTGCACGAGAGCGGAGGCGGGAGGTCGCTCCAAGACCTTTGACTGGGCTG



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AATTCCGCCCATCCAACAGGCCCTGGCTCAAGAAAGGGCCAGCACTGTTGGGTCTTCTGATTCTGGTGA
CCCTGGGTGTCTGGAAGCCGAGCCAGGTGAGCTGGAGCGTGAACGAGCTCGACGGCGAGAAGAACGCCGC
AAGCGCTTTGGGATGCTGGACACCAATGATGGACCAGGAATGGAGGATACAGCCCTACGTATGGACATTG
ACCGGAGCCCAGGGCTGCTGGAAACCCCTGACCTCAAGACACAGAATGTCCATGTGGAATTGAGCAGCG
GTGGCACC AAGTGGAGACCACCCCTCTCAGGGAGGAGAAACAGGTGCCATTGCCCTCTGCACCTATCC
TTAGAGGACAGAAGTGGAGCCGCTCTCCACACATGAGCTCACCTCTGCTAGAGAAGGAGCTGGAGCAGA
GCCAGAAAGAAGCTTCGGATCTTCTAGAGCAGAATCGGCTTCTGCAGGACCAGTTAAGGGTGGCCCTGGG
CAGAGAACAGAGTGCCCGGGAGGGCTATGTGCTGCAGGCTACATGTGAGCGAGGCTTGGCCGCATGGAG
GAGACACATCAGAAGAAGATTGAAGATCTACAGAGGCAACACCAGCGGGAGCTAGAGAAGCTGCGGGAGG
AAAAAGACCGTCTCCTGGCTGAGGAGACAGCTGCCACCATATCAGCCATTGAAGCCATGAAGAATGCTCA
CCGAGAGGAGATGGAACGGGAGTTAGAGAAGAGCCAGCGGTCTCAGATCAGCAGCATCAATTCAGACATA
GAAGCCCTGAGGGCAGTACCTGGAGGAGCTACAGTCAGTGCAGCGAGAGCTGGAGTCTTTCCGGAGC
AGTACTCTCAGAAGTGCCTGGAGAATGCACACCTAGCCAGGCGTGGAAAGCTGAGCGGCAAGCCCTGCG
GCAGTGTGAGCGTGAACAAGAGCTCAATGCCACAACCAGGAGCTGAATAACCGCTGGCTGCGGAG
ATCACACGGTTGGGACACTACTGACTGGAGAAGTGGTGGGAATCCACTGGGTTGCCCTCTCACACAGG
GCAAGGATGCCTATGAGTTAGAGTCTTGTTCGGGTCAAAGAGTCAGAAATTCAGTACCTGAAACAGGA
GATCAGCTCTCTCAAGGATGAACTCCAGACAGCCCTGCGGGATAAGAAGTATGCGAGCGACAAGTACAAA
GACATCTACACAGAGCTCAGCATCGCGAAGGCCAAGGCTGACTGTGACATCAGCAGGCTGAAGGAGCAGC
TGAAAGCAGCCACAGAGGCACTGGGCGAGAAATCTCCTGAAGGCACTACTGTGTCAGGATATGACATAAT
GAAATCTAAAAGCAATCCTGACTTCTGAAGAAAGACAGATCCTGTGTTACCCGGCAACTCAGAAACATC
AGGTCAAAGTCCGTAATTGAGCAGGTCTCATGGGATAAC TGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001034022

Insert Size: 2982 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.

RefSeq: [NM_001034022.1](#), [NP_001029194.1](#)

RefSeq Size: 3809 bp

RefSeq ORF: 2982 bp

Locus ID: 116504

UniProt ID: [Q9ERE6](#)

Cytogenetics: 10q22

Gene Summary: mouse homolog binds F-actin and may play a role in F-actin bundling and cytoskeleton organization [RGD, Feb 2006]