

Product datasheet for RN200230

Mprip (NM_053814) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mprip (NM_053814) 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:	>RN200230 representing NM_053814 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTCGGCGGCCAAGGAGAACCCTGTCAGAAAATTTTCAGGCCAACATCTTCAACAAGAGCAAGTGTGAG
ACTGCTTCAAGCCCCGCGAGTCGCATCTGCTCAACGACGAGGACCTGACGCAGGCAAACCCATTTATGG
TGGCTGGCTGCTCCTGGCTCCAGATGGCACCAGCTTTGACAACCCAGTACACCGGTACGGAAATGGCAG
CGACGATTCCTCATCCTTATGAGCATGGCCTCTTGCATATGCCCTGGATGAGATGCCACCACCCTTC
CTCAGGGCACCATCAACATGAACCAAGTGCACAGATGTGGTGGATGGGAGGCCCGCACAGGGCAGAAGTT
CTCCCTCTGCATCCTAACACCTGACAAGGAACATTTTATCAGGGCAGAAACGAAGGAGATCATCAGTGGG
TGGTTAGAGATGCTCATGGTATATCCTCGAACCAAGCAGAACCAGAAGAAGAAACGGAAAGTAGAGC
CACCTACGCCACAGGAACCTGGGCTGCTAAGATGGCTGTCACTAGCAGTAGTGGTGGCAGCAGTGGAA
CAGCAGCAGCAGCAGCAGCAGCAGCATTCCCAGTGTGAGAAGGTCCCCACCACCAATCCACACTCTGG
CAGGAAGAAATGAGAGCCAAAGACCAACCTGATGGGACCAGCTGAGTCCAGTTCAGAGTCCCAGCCAAA
GCCAACCTCTGTGCTGCTGCACCCACGGGAAACAGGGCTAGACAGCAAAGAAGTGAAGAAATTTAAG
TGGGGACCGTGTGGATGGTGGTTCGAAAGTACGGGTAGAAAGCGGCTACTTCTCCCTGGAGAAGGCCAAG
CAGGACCTGAGGGCTGAGGAACAGCTGCCCCACTACTCTCTCCACCCAGCCCCAGCCCCACACAGCA
GGAGGTCCAGGTAATTGAGAAATTTGAGGCCCTGGACATTGAAAAGGCAGAGCAGATGGAACCAACAT
GCTGATTCTGACCACTCCATCCAGTGACACTCGTCAGGGCCGAGTGAGAGACGGGCCATCCCTAGAAA
CGGGACTTTGCCAGCGAAACCCACAGCTCCTCTCTCAGATGCTTGTCCCTGTCTCCACACCGAAGAG
CCAAGTCATTGGACAGGAGGTCCACAGAATCCTCCATGACGCCTGACCTGCTGAATTTCAAGAAAGGCTG
GCTAACCAAGCAGTATGAGGATGGCCAGTGAAGAAACACTGGTTTGTCCCTGGCAGATCAGAGCCTGAGA
TACTACAGGGATTCCGTGGCTGAGGAGGCAGCTGACCTAGATGGAGAAATTAACCTGTCCACTTGCTATG
ATGTCAGTATCCAGTCCAGAGAACTATGGCTTTCAGATACATACCAAGGAGGGTGAAGTCCACCT
GTCGGCCATGACATCTGGCATAACGACGGAAGTGGATCCAGACCATTATGAAACATGTGCTCCCAACATCT
GCCCCAGATGTGACCAGCTCATTGCCTGAGGAAAGAATAAAGCACATCTTTTGATACCTGCTTAAAGC



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CAAGTGAGAAGCAAGAAGCTGAGCCAGGAGAACCAGATCCTGAGCAGAAGAAAAGCCGTGCACGAGAGCG
 GAGGCGGGAGGGTCGCTCCAAGACCTTTGACTGGGCTGAATTCGCCCCATCCAACAGGCCCTGGCTCAA
 GAAAGGGCCAGCACTGTTGGGTCTTCTGATTCTGGTGACCCTGGGTGTCTGGAAGCCGAGCCAGGTGAGC
 TGGAGCGTGAACGAGCTCGACGGCGAGAAGAACGCCGCAAGCGCTTTGGGATGCTGGACACCAATGATGG
 ACCAGGAATGGAGGATACAGCCCTACGTATGGACATTGACCGGAGCCAGGGTCTGGGAACCCCTGAC
 CTC AAGACACAGAATGTCCATGTGAAAATTGAGCAGCGGTGCCACCAAGTGGAGACCACCCCTCTCAGGG
 AGGAGAAAACAGGTGCCATTGCCCTCTGCACCTATCCTTAGAGGACAGAAGTGGAGCGGCTCCACACA
 TGAGCTACCTCTCTGCTAGAGAAGGAGCTGGAGCAGAGCCAGAAAAGAAGCTTCGGATCTTCTAGAGCAG
 AATCGGCTTCTGCAGGACCAGTTAAGGGTGGCCCTGGGCAGAGAACAGAGTGCCCGGGAGGGCTATGTGC
 TGCAGGCTACATGTGAGCGAGGCTTTGCCGCCATGGAGGAGACACATCAGAAGAAGATTGAAGATCTACA
 GAGGCAACACCAGCGGGAGCTAGAGAAGCTGCGGGAGGAAAAAGACCGTCTCCTGGCTGAGGAGACAGCT
 GCCACCATATCAGCCATTGAAGCCATGAAGAATGCTCACCGAGAGGAGATGGAACGGGAGTTAGAGAAGA
 GCCAGCGGTCTCAGATCAGCAGCATCAATTCAGACATAGAAGCCCTGAGGCGACAGTACCTGGAGGAGCT
 ACAGTCAGTGCAGCGAGAGCTGGAGTCTTTTCGAGCAGTACTCTCAGAAGTGCCTGGAGAATGCACAC
 CTAGCCCAGGCGTGGAAGCTGAGCGGCAAGCCCTGCGGCAGTGTGAGCGTGAGAACCAAGAGCTCAATG
 CCCACAACCAGGAGCTGAATAACCGCCTGGCTGCGGAGATCACACGGTTGCGGACACTACTGACTGGAGA
 AGGTGGTGGGGAATCCACTGGGTGCCTCTCACACAGGGCAAGGATGCCTATGAGTTAGAGGTCTTGTG
 CGGGTCAAAGAGTCAGAAATTCAGTACCTGAAACAGGAGATCAGCTCTCTCAAGGATGAAGTCCAGACAG
 CCCTGCGGGATAAGAAGTATGCGAGCGACAAGTACAAAGACATCTACACAGAGCTCAGCATCGCGAAGGC
 CAAGGCTGACTGTGACATCAGCAGGCTGAAGGAGCAGCTGAAAGCAGCCACAGAGGCACTGGGCGAGAAA
 TCTCCTGAAGGCACTACTGTGTCAGGATATGACATAATGAAATCTAAAAGCAATCCTGACTTCTGAAGA
 AAGACAGATCCTGTGTTACCCGGCAACTCAGAAACATCAGGTCCAAGTCCGTAATTGAGCAGGTCTCATG
 GGATAACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:

NM_053814

Insert Size:

3090 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_053814.2](#), [NP_446266.2](#)

RefSeq Size:

3917 bp

RefSeq ORF:

3090 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]