

Product datasheet for **SC209900**

MPRIP (NM_201274) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	MPRIP (NM_201274) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	MPRIP
Synonyms:	M-RIP; MRIP; p116Rip; RHOIP3; RIP3
ACCN:	NM_201274
Insert Size:	2000 bp



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Insert Sequence: >SC209900 3'UTR clone of NM_201274
 The sequence shown below is from the reference sequence of NM_201274. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GTAATTGAGCAGGTCTCGTGGGATACCTGAATGCACCCGCTTCCCGGCCATGCAGGAGAGTCTGAAG
GAAGGCCCTGACGGTGCAAGAACGGTTGAAGCTCTTTGAATCCAGGGACTTGAAGAAAGACTAGGTGTGT
CCCATCCAAGTTGAGCACGCGCCTTCCCGAGCTTGACGACGACACCCCAAGCGTGCTTTTACCTGT
ACCTTTGTTTTATTATTATTATTATTATTGCTGTTGTTGTCATCGTTAACTGTGGGCATGGAATGCGTG
AGGCTGGCTTCTGGGTTGCCACACCCTCTGCTGTGTTGACTTCTGTTGCTTTCATCAAAGCTTT
TTTCCGTGGTATTCTAAAATTAGCCAGCAGTGGGGGCTGGGAGGGCATCTGTGTTAGTCTTTCTGG
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ATGTGCTGGTGTGAAACGGGGCCAGCCAGCAGCCTCAAGGTAGATGGAATCCCCTGCTGAGAGA
AAAAGCTATGCGGACACTCCAGCTTGGCCTGGGTACAGCACTGACTCCTCACCCGCTAGTCTGGCTGT
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AGCTTAGAACACACCCCTGAGAGTCGTGGCAAACCTTTCACAACCTGGAAAATGTTGAAAGCAACCAT
TCCTATTTTTGTTGTTTTTATTAAATCTTGCACAAAATCCCGGCCCTCTCCTTCTTCTTCTTCTT
CCTTCTCCGCTCGTTCCTTCTTGGTCTCCAGTAACCTGGTCTTTTATAACTGCTCGAGATTGTTG
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CACATTAGTGTTTATTGAGACTCCGATCTTAACTCTCATTAAATTAATCTGAGCTCTGAAAACCTATCT
TGAGCATTATCTTTAAAAGAGCTGGTTAAAGTAAACCTATACTAACAATTTTCTTTTTCTAACAG
TTTGAGGAAGACCTTTTTAACACCACAAAACATTCTATGGCAATTCTTAAAAATCTTAAATTGGAG
TCTATTATGGCCCATGAAAACCATTAATCCCATTAAGATAGGGAGTATAAACCCCTGGCTGGTGGAAC
AGGTTCTGCTACTTTAGGAGCAAGGTGGGGTGTGAGTAGATGGTTTTTATGCCAAGAACATGCTTTCAC
TTTGTATTCATGCTTGTGTTGGTGTGATGGTCTCTGTGGTGGTGGATGCTTTGGGCGTTGAAATCTA
GAAATCCTGTTGCTCAGTTTCTAGATGAAGTCATGAGCAAGGCCATCAGTGGAGCTCTGGCCCCGCCC
CAATGTGAGAAGGGCCGGGAGCAAGGCCTGGAGTTTTTATGTGTTTTTACAGCCAGGTTTAGGTGCTC
TCTTCTCACTGAAATAACTAAGTCTCTCACTGGCATCGAGCCCTTCCACAAGTTTTTAAAGGCTCTT
AACCCACACTTTCACTCCTCTGCTACTAGTCTTCAAGTGTGTTAACAGCAAGAGAAAATTGGGTTTGT
TAAAAATCTACTTCTCTGAGGTGGCACAGTTGCGTAGCTGATGCCAGCTACTCAGGAGGCTGAGGTA
GTAGGATTGCTTGGCCCGGGAGGTCGAGGCTGCAATCAGTATGATCGTGTCACTGCACTCCAGCCTG
GGTGACAAAGCAAGGCCCATATCAGATATAGATATACTATCAGACCCCTGACCATTTAGATTG
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_201274.4](#)

Summary: Targets myosin phosphatase to the actin cytoskeleton. Required for the regulation of the actin cytoskeleton by RhoA and ROCK1. Depletion leads to an increased number of stress fibers in smooth muscle cells through stabilization of actin fibers by phosphorylated myosin. Overexpression of MRIP as well as its F-actin-binding region leads to disassembly of stress fibers in neuronal cells.[UniProtKB/Swiss-Prot Function]

Locus ID: 23164

MW: 75.2