

Product datasheet for **SC208892**

MPRIP (NM_015134) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	MPRIP
Synonyms:	M-RIP; MRIP; p116Rip; RHOIP3; RIP3
Mammalian Cell	Neomycin
Selection:	
Vector:	pMirTarget (PS100062)
ACCN:	NM_015134
Insert Size:	2000 bp



Insert Sequence:

>SC208892 3'UTR clone of NM_015134

The sequence shown below is from the reference sequence of NM_015134. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGGATCGCC
TTTGAATCCAGGGACTTGAAGAAAGACTTAGGTGTGTCCCATCCAAGTTGAGCACGCGCCTTCCCCAGCT
TGCAGCAGCACACCCCAAGCGCTGCTTTTCACTGTACCTTTGTTTTATTATTATTATTATTGCTG
TTGTTGTCACTGTTAACTGTGGGCATGGAATGCGTGAGGCTGGCTTCTGGGTTGTCCACAGCAGCTCTCT
GCTGTGTTGACTTCTCTGTTTCTTCACTCAAAAGCTTTTTTCCGTGGTATTTCAAAATAGGCCACGAGCTG
GGGGCTGGGAGGCGATCTGTGTAGTCTTTCTGCTGTGACCCGCCACACTCACTGTGAGTATTAAAG
GCCCAGCAGCCTGTTGATAAGCTACCCTGTCTCACCATGTGCTGGTGTGGAACAGGGGCCAGCCAGCA
CGCTCAAGGTAGATGGAATCCCACTGGTGAGAAAAAGCTATGCGGACACTCCAGCTTGGCTGGG
TCACAGCACTGACTCCTACCCGCTAGTCTGGCTGTTAAGAGGAGAAAGTGCAGTGCCTTCCAGCCAG
GAGGAGGACAGCATTTTGTATTTGTTCACTGATGACGCTTAGAACACACCCCTGAGAGTCTGTGGCAA
ACCTTTCACAACCTGGAAATGTTGAAAGCAACCATTCTATTTTTGTTGTTTTTATTAAATCTTGC
ACAAAATCCCGGCCCTCTCCTTCTCTTCTTCTTCTTCTCCGCTCGTTCTCTTCTTGGTCTCCAG
TAACCTGGCTCTTTTCACTACTGCTGAGATTGTTGACCTGACGCCAGTTTCAAGCTGTATTTGCAA
AAAACAAAATGAATTTCCCCAGGAATCATTTAAAAATGGGGGAAGGTTTGGGGTTTGGGTTTTTTTTT
ACTTTTTGAAAAAGAAACCGTCACATTGCTTTGAAAAAGTTGAGAGGAGACCCCTGTTAAGTCAAGAA
GAAAGTACAGAGGATGTCAGAATCTGATGAGAACAGCACATTAGTGTTATTGAGACTCCGATCTTAAC
TCTCATTTAATTAATCTGAGCTCTGAAAACCTATCTTGCAGCATTTATCTTTAAAAGACCTGGTTAAA
GTAAACCTATACTAACAATTTTGCTTTTTCTAACAGTTTGAGGAAGACCTTTTAAACCACCACAAAACA
TTCTATGGCAATTCCTGAAAAATCTCTAAATTGGAGTCTATTATGGCCCCATGAAACCAATTATCCCA
TTAAGATAGGGAGTATAAACCCCTGGCTGGTGGAACAGGTTCTGCTACTTTAGGAGCAAGTGGGGTGT
GAGTAGATGGTTTTCTGCCAAGAACATGCTTTCATTTGTTATTCATGCTTGTGTTGGTGTGATGGCT
CTGTGGGTGGGTGAGTCTTTGGCGCTTGAATCTAGAAATCTGTTGCTAGTTCTAGATGAAGTCA
TGAGCAAGGCCATTCAGTGGAGCTCTGGCCCCGCCCAATGTGCAAGAGGCCGGGAGCAAGGCCCTGGA
GTTTTCTAGTGTTTTAGACCCAGGTTTAGGTGCTCTCTTCTCACTGAAATAACTAAGTGTCTCCACT
GGCATCGAGCCCTTCCACAAGTTTTTAAGGCTCTTAACCCACACTTTCACCTCTCTGCTACTAGTCTT
CAGTGTGTTTAACAGCAAGAGAAAAATGGGTTTGTTTAAAAATCTACTTCTGAGGTGGCACAGTTGC
GTAGCTGTAGTCCAGCTACTCAGAGGCTGAGGTAGTAGGATTGCTTGAGCCCGGAGGTGAGGCTG
CAATCAGTCATGATCGTGTCACTGCATCCAGCCTGGGTGACAAAGCAAGGCCCATATCAGATATAGA
TATACTTATGACACCCCCCTGACCATTAGATTGGCAGTGCTTTGAGAAATGCACTATGACCTTTCTG
TGCAATGGGAATACACAGGAACAATTCGGGAGCCCGCTGTCCCCACAGCCTCATTTGTTGTCTCC
ACGGCTGAAGCGCGCGGCATCTAGATTGCAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCGCCTTCTATGAAAGG

Restriction Sites:

Sgfl-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.

Note:

Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: NM_015134.4

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 MPRIP 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