

Product datasheet for **SC319118**

MYLIP (NM_013262) Human Untagged Clone

Product data:

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|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | MYLIP (NM_013262) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | MYLIP |
| Synonyms: | IDOL; MIR |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-AC (PS100020) |
| E. coli Selection: | Ampicillin (100 ug/mL) |



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Fully Sequenced ORF: >OriGene sequence for NM_013262.3
 GGCGCCACCGCGGAGGACAGGGGCGAGCTGGCGGGCAGCGGGTGAGGGGTGGCGGGGACG
 CGAGTGGCGGGCCGCGGGGCCCGGACAAGGGTCCCGCAGAGCTGCAGCCTTCGAGGGCCAG
 CCCTCTCCGAGTCCGGGGCTGGGTTCCACCAGTGACAAGGCGGCAGCCCCGCGCACACCA
 AAGAGAAGGCGGCTGTGGCGGCAGCGGCAGCCCCAGCCATGCTGTGTTATGTGACGAGGC
 CGGACGCGGTGCTGATGGAGTGGAGTGGAGGCGAAAGCCAACGCGGAGGACTGCCTCA
 ACCAGGTGTGACGGGCACTGGGAATCATAGAAGTTGACTATTTTGGACTGCAGTTTACGG
 GTAGCAAAGGTGAAAGTTTATGGCTAAACCTGAGAAACCGGATCTCCAGCAGATGGATG
 GGCTAGCCCTTACAGGCTTAAACTTAGAGTCAAGTTCTTCTGTGGAGCCTCATCTCATCT
 TACAGGAGCAGACTAGGCATATCTTTTTCTTGCACATCAAGGAGGCCCTTTGGCAGGCC
 ACCTCTTGTGTTCCCGAGCAGGCAGTGGAACTCAGTGCCTCTCGGCCAGACCAAGT
 TTGGAGACTACAACCAGAACTGCCAAGTATAACTATGAGGAGCTCTGTCCAAGGAGC
 TCTCTCTGCCACCTTGAACAGCATTGTTGCAAAACATAAGGAGTTGGAGGGGACCAGCC
 AGGCTTCAGCTGAATACCAAGTTTTGCAGATTGTGTCGGCAATGGAAAACATGGCATAG
 AATGGCATTCTGTGCGGGATAGCGAAGGGCAGAACTGCTCATTGGGGTTGGACCTGAAG
 GAATCTCAATTTGTAAAGATGACTTTAGCCCAATTAATAGGATAGCTTATCCTGTGGTGC
 AGATGGCCACCCAGTCAGGAAAGATGTATTTGACGGTCACCAAGGAATCTGGGAACA
 GCATCGTGCTCTTGTAAAAATGATCAGCACCAGGGCGGCCAGCGGGCTCTACCGAGCGA
 TAACAGAGACGCACGCTTACAGGTGTGACACAGTACCAGCGCCGTGATGATGCAGT
 ATAGCCGTGACTTGAAGGGCCACTTGGCATCTCTGTTTCTGAATGAAAACATTAACCTTG
 GCAAGAAATATGCTTTGATATTTAAAGAACATCAAAGGAGGTGTATGACCATGCCAGGA
 GGGCTCTGTACAATGCTGGCGTTGTGGACCTCGTTTCAAGAAACAACAGAGCCCTTAC
 ACTCGCCTCTGAAGTCTCAGAAAGCAGCATGAACTGCAGCAGCTGCGAGGGCCTCAGCT
 GCCAGCAGACCCGGGTGCTGCAGGAGAAGCTACGCAAGCTGAAGGAAGCCATGCTGTGCA
 TGGTGTGCTGCGAGGAGGAGATCAACTCCACCTTCTGTCCCTGTGGCCCACTGTGTGCT
 GTGAGAGCTGCGCCGCCAGCTACAGTCATGTCCCGTCTGCAGGTGCGGTGTGGAGCATG
 TCCAGCACGTCTATCTGCCAACGCACACCAGTCTTCTCAATCTGACTGTAATCTAATCTG
 TTGTGCTTTTGTGGACTTGGCATGTTCCATGAACTGCACTATTATAAACTATTTAAAT
 GATAGATTGTGGAGAAAGTAATTATTCCAACCCCATCTGCCATGCGATGTTAAAAAAA
 AAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_013262

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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_013262.3](#), [NP_037394.2](#)

RefSeq Size: 3086 bp

RefSeq ORF: 1338 bp

Locus ID: 29116

UniProt ID: [Q8WY64](#)

Cytogenetics: 6p22.3

Domains: B41

Protein Families: Druggable Genome

Gene Summary: The ERM protein family members ezrin, radixin, and moesin are cytoskeletal effector proteins linking actin to membrane-bound proteins at the cell surface. Myosin regulatory light chain interacting protein (MYLIP) is a novel ERM-like protein that interacts with myosin regulatory light chain and inhibits neurite outgrowth. [provided by RefSeq, Jul 2008]