OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC115246

MADM (NRBP1) (NM_013392) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MADM (NRBP1) (NM_013392) Human Untagged Clone
Tag:	Tag Free
Symbol:	MADM
Synonyms:	BCON3; MADM; MUDPNP; NRBP
Mammalian Cell Selection:	None
Vector:	pCMV6-XL4
E. coli Selection:	Ampicillin (100 ug/mL)

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Fully Sequenced ORF:

>OriGene ORF sequence for NM_013392 edited
ATGTCGGAGGGGGAGTCCCAGACAGTACTTAGCAGTGGCTCAGACCCAAAGGTAGAATCC
TCATCTTCAGCTCCTGGCCTGACATCAGTGTCACCTCCTGTGACCTCCACAACCTCAGCT
GCTTCCCCAGAGGAAGAAGAAGAAAGTGAAGATGAGTCTGAGATTTTGGAAGAGTCGCCC
TGTGGGCGCTGGCAGAAGAGGCGAGAAGAGGTGAATCAACGGAATGTACCAGGTATTGAC
AGTGCATACCTGGCCATGGATACAGAGGAAGGTGTAGAGGTTGTGTGGAATGAGGTACAG
TTCTCTGAACGCAAGAACTACAAGCTGCAGGAGGAAAAGGTTCGTGCTGTGTTTGATAAT
CTGATTCAATTGGAGCATCTTAACATTGTTAAGTTTCACAAATATTGGGCTGACATTAAA
GAGAACAAGGCCAGGGTCATTTTTATCACAGAATACATGTCATCTGGGAGTCTGAAGCAA
TTTCTGAAGAAGACCAAAAAGAACCACAAGACGATGAATGAAAAGGCATGGAAGCGTTGG
TGCACACAAATCCTCTCTGCCCTAAGCTACCTGCACTCCTGTGACCCCCCCATCATCCAT
GGGAACCTGACCTGTGACACCATCTTCATCCAGCACAACGGACTCATCAAGATTGGCTCT
GTGGCTCCTGACACTATCAACAATCATGTGAAGACTTGTCGAGAAGAGCAGAAGAATCTA
CACTTCTTTGCACCAGAGTATGGAGAAGTCACTAATGTGACAACAGCAGTGGACATCTAC
TCCTTTGGCATGTGTGCACTGGAGATGGCAGTGCTGGAGATTCAGGGCAATGGAGAGTCC
TCATATGTGCCACAGGAAGCCATCAGCAGTGCCATCCAGCTTCTAGAAGACCCATTACAG
AGGGAGTTCATTCAAAAGTGCCTGCAGTCTGAGCCTGCTCGCAGACCAACAGCCAGAGAA
CTTCTGTTCCACCCAGCATTGTTTGAAGTGCCCTCGCTCAAACTCCTTGCGGCCCACTGC
ATTGTGGGACACCAACACATGATCCCAGAGAACGCTCTAGAGGAGATCACCAAAAACATG
GATACTAGTGCCGTACTGGCTGAAATCCCTGCAGGACCAGGAAGAGAACCAGTTCAGACT
TTGTACTCTCAGTCACCAGCTCTGGAATTAGATAAATTCCTTGAAGATGTCAGGAATGGG
ATCTATCCTCTGACAGCCTTTGGGCTGCCTCGGCCCCAGCAGCCACAGCAGGAGGAGGTG
ACATCACCTGTCGTGCCCCCCTCTGTCAAGACTCCGACACCTGAACCAGCTGAGGTGGAG
ACTCGCAAGGTGGTGCTGATGCAGTGCAACATTGAGTCGGTGGAGGAGGGAGTCAAACAC
CACCTGACACTTCTGCTGAAGTTGGAGGACAAACTGAACCGGCACCTGAGCTGTGACCTG
ATGCCAAATGAGAATATCCCCGAGTTGGCGGCTGAGCTGGTGCAGCTGGGCTTCATTAGT
GAGGCTGACCAGAGCCGGTTGACTTCTCTGCTAGAAGAGACCTTGAACAAGTTCAATTTT
GCCAGGAACAGTACCCTCAACTCAGCCGCTGTCACCGTCTCCTCTTAG

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_013392 unedited
ACCATTTGTATACGACTCATATAGGGCGGCCGCGAATTCGCACGAGGGCGGAGCGCAGCT
GTGAGGGAGTCGCTGTGATCCGGGGCCCCGGAACCCGAGCTGGAGCTGAAGCGCAGGCTG
CGGGGCGCGGAGTCGGGAGTGCAGGCCTGAGTGTTCCTTCCAGCATGTCGGAGGGGGAGT
CCCAGACAGTACTTAGCAGTGGCTCAGACCCAAAGGTAGAATCCTCATCTTCAGCTCCTG
GCCTGACATCAGTGTCACCTCCTGTGACCTCCACAACCTCAGCTGCTTCCCCAGAGGAAG
AAGAAGAAAGTGAAGATGAGTCTGAGATTTTGGAAGAGTCGCCCTGTGGGCGCTGGCAGA
AGAGGCGAGAAGAGGTGAATCAACGGAATGTACCAGGTATTGACAGTGCATACCTGGCCA
TGGATACAGAGGAAGGTGTAGAGGTTGTGTGGAATGAGGTACAGTTCTCTGAACGCAAGA
ACTACAAGCTGCAGGAGGAAAAGGTTCGTGCTGTGTTTGATAATCTGATTCAATTGGAGC
ATCTTAACATTGTTAAGTTTCACAAATATTGGGCTGACATTAAAGAGAACAAGGCCAGGG
TCATTTTTATCACAGAATACATGTCATCTGGGAGTCTGAAGCAATTTCTGAAGAAGACCA
AAAAGAACCACAAGACGATGAATGAAAAGGCATGGAAGCGTTGGTGCACACAAATCCTCT
CTGCCCTAAGCTACCTGCACTCCTGTGACCCCCCCATCATCCATGGGAACCTGACCTGTG
ACACCATCTTCATCCAGCACAACGGACTCATCAAGATTGGCTCTGTGGCTCCTGACACTA
TCAACAATCATGTGAAGACTTGTCGAGAAGAGCAGAAGATCTACACTTCTTTGCACCAGA
GTATGGAAAGTCACTATGTGACACAGCAGTGGACTCTACTCTTTGCCATTGTGCACTGGA
AT

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3' Read Nucleotide Sequence:

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>OriGene 3' read for NM_013392 unedited
NNTTTTGACTTTGAACCCGCGGCCGCAANCTAANGATCGGTTTTTTTTTTTTTTTTTTTT
TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTAACAAAAAGGAAACTTTTATTA
CAGCAACAACTGGGGGGAATCAAAGGGCCCCCCAGGGCCACCACTGGAGAACCACCTTTT
TTTCCCGCCCCGGCCGCCCCAGGGGGATTGGAAAATTCGGCTCCCCTAAGGCCCGGGGGC
CTCCTTTCCACACAGGCTGGGGGGGAGCCGGCAAAAAAACGACTAACCCCCAACTAAAAG
GGGGTTGCTGAAAAGGCCCAAGCCCACGTTTGGGCAAAACAAGTAAACAAAGGGCAAAGG
GGAGGAAAAAAGGGGAGGGGAAAGGATAATGCTCAAAACCAGGGAGCCCCCCCAGCCCTC
CTGAATAAAAAAGGAGGGAAGGGGCTTCACAGGGAAAAACTGACTGGGGGGAAGGGACAG
GAGGGCTGCAACACGTCCAGGGACAGCCACAGGGCAAATAAGGGCCTGGCCCGAGGGAGC
TCTAAAAGGAAACGGGGACAGCGGCTGAATTGAGGGTACTGTTCCTGGCAAAATTGAACT
TGTTAAAGGGCTCTTCTAACAAAAAAGTCAACCGGCTTTGGTCAGCCTCACTAATGAAGC
CCAGTTGCACCAGCTAAGCCGCCAACTGGGGGATATTCTCATTTGGCATCAGGTCACAGC
TCAGGTGCCGGTTCAGTTTGTCCTCCAACTTCAACAAAATGTCAGGGGGGGTTTGACTCC
CTCCCCACCGACTCATGTTGGACTGCATTAACACCCCTTGGGAGTTCCACCTCAATGGTT
CAGGGTCCGAATCTTGAAAAGGGGGCCCACAAGTGAGTCACCCCTCCTCGTGGGCTGGTG
GGCCCAGCAACCAAAGCTTAT
```

Restriction Sites: NotI-NotI

ACCN: NM_013392

Insert Size: 2190 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_013392.2, NP_037524.1

RefSeq Size: 2212 bp

RefSeq ORF: 1608 bp

Locus ID: 29959

UniProt ID: Q9UHY1

Cytogenetics: 2p23.3

Domains: pkinase, TyrKc, S_TKc

Protein Families: Druggable Genome, Protein Kinase

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Gene Summary: May play a role in subcellular trafficking between the endoplasmic reticulum and Golgi apparatus through interactions with the Rho-type GTPases. Binding to the NS3 protein of dengue virus type 2 appears to subvert this activity into the alteration of the intracellular membrane structure associated with flaviviral replication.[UniProtKB/Swiss-Prot Function]

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