

Product datasheet for **RN205842**

Mad111 (NM_001109387) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mad111 (NM_001109387) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mad111
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN205842 representing NM_001109387
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAAGACCTTGGGAGAACACCACAGTCCTGTCCACCCTGAGATCTCTCAACAACTTCATTTCTCAGC
 GAATGGAGGGAGCATCAGGCTTGGATGTGTCCACATCTGCCTCAGGGTCCCTACAGAAGCAGTATGAACA
 GAACATGCAGCTGGAGGAGAGAGCAGAGCAGATCCGTTCAAAGTCTACCTCATCCAGGTGGAGCGGGAG
 AAGATGCAGATGGAGCTGAGCCACAAGAGGGCTCGGGTGGAGCTGGAGAGAGCGGCCAGCACCAATGCCA
 GGAATATGAGCGCAGGTGGATCGCAACCAGGAACTCCTGGCACGATTTCGGCAGCTCCAGGAGCGTGA
 GGCCGCAGCAGAAGAGAAGATGCGGGAGCAGCTGGAGCGCCACAGGCTGTGCAAGCAGAGCCTGGACGCT
 GCCAGTCAGCAGCTGCGGAACGAGAGGATGGCCTGGCTGCAGCCAGGGAGACGATTAGTTCAATTGAAGG
 GCGGAGTCTCCGAGCTGCAGTTGAGTGCATGGACCAGAAGGTACAGGTCAAGCGCCTGGAGTCTGAGAA
 GCAGGAGCTGAAGGAGCAGCTGGAATGCAGCAGCGGAAATGGCAGGAGGCAAATCAGAAGATCCAGGAG
 CTACAGGCCAGTCAAGAAGAGAGAACTGACCAGGAGCAGAAGATTAAGGACCTGGAGCAGAAGCTGTGTC
 TGCAAGAGCAGGATGCAGCTGTGGTGAAGAGCATGAAATCTGAGCTGTTGCGACTGCCTCGGATGGAGCG
 TGAGCTAAAGAGGCTGCGTGAGGAGAACACTCATCTAAGGGAGATGAGGGAGACCAATGGGCTGCTCACA
 GAGGAGCTGGAAGGTCTGCAGAGGAAGCTGGGCCGCCAGGAGAAGATGCAGGAAGCTCTGGTTGATCTGG
 AGTTGGAGAAGGAGAAGCTGCTTGCAAAGCTGCAGAGCTGGGAGAAACTGGACCAGACCATGGGCTTGAA
 TCTCAGGACTCCAGAGGACCTTTCGAGGTTCTGTGATTGAGCTGCAGCAGCGAGAGCTGGCGCTGAAGGAG
 AAGAATAGCAGCATCACCAGCAGTGCCCGGGTCTGGAGAAGGCCAGCAGCAGCTCCAGGATGAGTCC
 GGCAGGTCAATGCACAGCTGCTGGAAGAGAGGAAGAAGAGGGAGACACATGAGGCACTTGCCCGAAGGCT
 CCAGAAGCGCAATGCATTGCTGACCAAGGAGCGAGACGGCATGCGCGCCATCCTGGGATCCTACGACAGT
 GAGCTGACCCAAGCTGAGTACTCGCCCCAGCTTACACAGCGCATGTGGGAGGCTGAGGACATGGTTCAGA
 AGGTGCATGCCCACAGCTCAGAGATGGAGGCTCAGCTGTCTCAGGCCCTGGAAGAGCTTGGGGTTCAGAA
 GCAGAGAGCTGACACGCTGGAGATGGAGTTGAAGATGCTGAGGGCCAGACAAGCTCAGCCGAAGCCAGC
 TTCCCATCTGCAAAGAGGAGGTGGATGCACTCAGGTTGAAGGTGGAGGAGCTGGAGGTTGAGCGGAGCC
 GTCTGGAACAGGAAAAGCAGGCTCTGGAGATGCAGATGGAGAGACTAACCTACAGGGTGACTACAACCA
 GAGTCGAACCAAAGTGCTACACATGAGCCTGAACCCGGCTAGCATGGCCAGGCAGCGCCAGCGTGAGGAC
 CATGACCGGCTGCAGGAGGAATGCGAGCGCTTACGGGACTTGTGCATGCCCTAGAGAGAGCGGGTCCCA
 TCCTGCTGACCTGGAGGCTGCCTCCAGCTGCCCTCATCCAAGGAGGTGGCAGAGCTGCGGAAGCAGGT
 AGAAAGCGCTGAGCTGAAGAACCAGCGGCTCAAGGAGTTTTCCAGACCAAGATCCAGGAGTTCCGCAAG
 GTTTGCTACACACTGACCGGCTACCAGATTGACGTGACCACTGAGAGCCAATACCGCCTCACCTCCCGAT
 ATGCTGAGCACCAGACTGACTGCCTCATCTTCAAGGCCACAGGACCCTCGGGCTCCAAAATGCAGCTGCT
 GGAGACGGAGTTCTCCGTTTCAGTGCCTGAGCTCATTGAGCTGCACCTGCTGCAGCAGGACAGCATCCCT
 GCCTTCTCAGCGCGCTACCATAGAGCTGTTACGCCGCCAGACCTCTGTCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001109387

Insert Size: 2154 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:	<ol style="list-style-type: none">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:	<u>NM_001109387.1, NP_001102857.1</u>
RefSeq Size:	2612 bp
RefSeq ORF:	2154 bp
Locus ID:	680006
Cytogenetics:	12q11