

Product datasheet for **MC228159**

Rbm39 (NM_001291115) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rbm39 (NM_001291115) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rbm39
Synonyms:	1500012C14Rik; 2310040E03Rik; B330012G18Rik; C79248; caper; R75070; Rnpc2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC228159 representing NM_001291115
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCAGACGATATTGATATTGAAGCCATGCTTGAGGCCCTTACAAGAAGGATGAGAACAAGTTGAACA
 GTGCTAACGGCCATGAAGAACGTAGCAAAAAGAGAAAAAAGCAAGAGCAGAAGTCGTAGTCATGAGAG
 AAAAAAGAACAAAAGTAAAGAACGAAAAAGTAAAGATAGAGAAAGGAAAAAGAGCAAAAAGTCGAGAG
 CGGAAACGAAGTAGAAGCAAAAGAAAGGAGACGAAGCCGCTCACGCAGTCGGGATAGAAGATTCCGAGGCC
 GCTACAGAAGTCCCTACTCCGGACCAAAATTTAACAGTGCCTCCGAGGAAAGATTGGATTGCCCTCATAG
 CATCAAATTAAGCAGAAGACGTTCCCGAAGCAAAAGTCCATTTAGGAAAGACAAGAGCCCTGTGAGGGAA
 CCTATTGATAATCTCACTCCTGAGGAAAGGGATGCAAGGACTGTTTTCTGCATGCAACTGGCAGCAAGAA
 TTCGACCGAGAGATTTGGAAGAGTTTTCTCTACAGTTGGAAAGTTTCGAGATGTGAGAATGATTTCTGA
 TAGAAATTCGAAGACGTTCCAAAGGAATTGCATATGTGGAATTTGTTGATGTCAGTTCAGTGCCTCTAGCA
 ATTGGATTAAGTGGCAACGAGTTTTAGGAGTGCCAATCATAGTTCAGGCATCACAGGCAGAAAAAACA
 GAGCTGCTGCAATGGCAACAATTTACAAAAGGGAAGTGTGGACCTATGAGGCTCTATGTAGGCTCATT
 ACACCTTAAACATAACTGAAGACATGCTTCGGGGGATCTTTGAACCTTTTGGAAAGGATTGAAAGTATTCAG
 CTCATGATGGATAGTGAAGTGGCCGATCTAAGGGATATGGATTTATTACATTTTCTGACTCAGAATGTG
 CAAAAAGGCTTTGGAACAACGAATGGATTTGAGTTAGCTGGGAGACCAATGAAAGTTGGTCACGTTAC
 TGAACGAAGTGTCTTCGAGTGTAGTTCAATTTTGGACAGTGACGAAGTAAAGGACTGGAATTGAC
 TTGGGAACAACCTGGAGCTCTTCAAGTAAAGGCAAGACTTGGCATTGGTGCTGTGGCAGATTTGCAACACGACT
 CCGCACACAAGCATTACAAATGAGTGGCTCTCTGGCATTGGTGCTGTGGCAGATTTGCAACACGACTTTTC
 TCCCAACAGACCGAAGCCTCAGCTTTAGCTGCAGCTGCGTCTGTTCAACCTCTTGCAACACAGTGTTC
 CAACTTCTAACATGTTTAAATCCTCAAACAGAAGAAGTTGGATGGGATACAGAGATTAAGATGATG
 TCATTGAAGAATGTAATAAACATGGAGGAGTCAATCATATTTATGTTGATAAAAAATTCAGCTCAGGGCAA
 TGTGTATGTGAAGTGCCATCTATTGCTGCGGCTATTGCTGCTGTCAATGCATTGCATGGCAGATGGTTT
 GCTGGTAAATGATAACAGCAGCGTATGTACCTCTTCCAACTTACCACAACCTCTTCTGATTCTATGA
 CAGCAACACAACACTACTGGTTCCAAGTAGACG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001291115

Insert Size: 1575 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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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_001291115.1](#), [NP_001278044.1](#)

RefSeq Size: 2598 bp

RefSeq ORF: 1575 bp

Locus ID: 170791

UniProt ID: [Q8VH51](#)

Cytogenetics: 2 H1

Gene Summary: Transcriptional coactivator for steroid nuclear receptors ESR1/ER-alpha and ESR2/ER-beta, and JUN/AP-1. May be involved in pre-mRNA splicing process.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (3) differs in the 5' UTR and uses an alternate in-frame splice site in the central coding region, compared to variant 1, resulting in an isoform (b) that is shorter than isoform a. Both variants 2 and 3 encode isoform b.