

## Product datasheet for **MC228158**

### **Rbm39 (NM\_001291114) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Rbm39 (NM_001291114) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rbm39
Synonyms:	1500012C14Rik; 2310040E03Rik; B330012G18Rik; C79248; caper; R75070; Rnpc2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC228158 representing NM\_001291114  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCAGACGATATTGATATTGAAGCCATGCTTGAGGCCCTTACAAGAAGGATGAGAACAAGTTGAACA  
 GTGCTAACGGCCATGAAGAACGTAGCAAAAAGAGAAAAAAGCAAGAGCAGAAGTCGTAGTCATGAGAG  
 AAAAAAGAGCAAAAGTAAAGAACGAAAAAGTAAAGTAAAGATAGAGAAAGGAAAAAGAGCAAAAGTCGAGAG  
 CGGAAACGAAGTAGAAGCAAAAGAAAGGAGACGAAGCCGCTCACGCAGTCGGGATAGAAGATTCCGAGGCC  
 GCTACAGAAGTCCCTACTCCGGACCAAAATTTAACAGTGCCTCCGAGGAAAGATTGGATTGCCCTCATAG  
 CATCAAATTAAGCAGAAGACGTTCCCGAAGCAAAAGTCCATTTAGGAAAGACAAGAGCCCTGTGAGGGAA  
 CCTATTGATAATCTCACTCCTGAGGAAAGGGATGCAAGGACTGTTTTCTGCATGCAACTGGCAGCAAGAA  
 TTCGACCGAGAGATTTGGAAGAGTTTTCTCTACAGTTGGAAAGTTTCGAGATGTGAGAATGATTTCTGA  
 TAGAAATCAAGACGTTCCAAAGGAATTGCATATGTGGAATTTGTTGATGTCAGTTCAGTGCCTCTAGCA  
 ATTGGATTAAGTGGCAACGAGTTTTAGGAGTGCCAATCATAGTTCAGGCATCACAGGCAGAAAAAACA  
 GAGCTGCTGCAATGGCAACAATTTACAAAAGGGAAGTGTGGACCTATGAGGCTCTATGTAGGCTCATT  
 ACACCTTAAACATAACTGAAGACATGCTTCGGGGGATCTTTGAACCTTTTGGAAAGGATTGAAAGTATTCAG  
 CTCATGATGGATAGTGAAGTGGCCGATCTAAGGGATAAGGATTTATTACATTTTCTGACTCAGAATGTG  
 CAAAAAGGCTTTGGAACAACCTGAATGGATTTGAGTTAGCTGGGAGACCAATGAAAGTTGGTCACGTTAC  
 TGAACGAACTGATGCTTCGAGTGTAGTTTATTTGGACAGTGACGAACTAGAAAGGACTGGAATTGAC  
 TTGGGAACAACCTGGAGCTTTCAGTTAATGGCAAGACTTGGGAGGGTACCGGTTTCAGATTTCCACCTG  
 CCGCACACAAGCATTACAAATGAGTGGCTCTCTGGCATTGTTGGTGTGGCAGATTTGCAACACGACTCT  
 TTCCCAACAGACCGAAGCCTCAGCTTTAGCTGCAGCTGCGTCTGTTCAACCTCTTGCAACACAGTGTTC  
 CACTTTCTAACATGTTTAACTCCTCAAACAGAAGAAGTTGGATGGGATACAGAGATTAAGATGATG  
 TCATTGAAGAATGTAATAAACATGGAGGAGTATTATTTATGTTGATAAAAAATTCAGCTCAGGGCAA  
 TGTGTATGTGAAGTGCCCATCTATTGCTGCGGCTATTGCTGCTGTCAATGCATTGCATGGCAGATGGTTT  
 GCTGGTAAAATGATAACAGCAGCGTATGTACCTCTTCCAACCTACCACAACCTCTTCTGATTCTATGA  
 CAGCAACACAACCTACTGGTTCCAAGTAGACG**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM\_001291114
- 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).

<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001291114.1</a></u> , <u><a href="#">NP_001278043.1</a></u>
<b>RefSeq Size:</b>	2803 bp
<b>RefSeq ORF:</b>	1575 bp
<b>Locus ID:</b>	170791
<b>UniProt ID:</b>	<u><a href="#">Q8VH51</a></u>
<b>Cytogenetics:</b>	2 H1
<b>Gene Summary:</b>	<p>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]</p> <p>Transcript Variant: This variant (2) 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.</p>