

## Product datasheet for MR205657

### Rbm39 (BC030493) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Rbm39 (BC030493) Mouse Tagged ORF Clone
Tag:	Myc-DDK
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)
ORF Nucleotide Sequence:	>MR205657 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCAACTGGCAGCAAGAATTCGACCGAGAGATTTGGAAGAGTTTTCTCTACAGTTGGAAGGTTTCGAG  
ATGTGAGAATGATTTCTGATAGAAATTCAGACGTTCCAAAGGAATTGCATATGTGGAATTTGTTGATGT  
CAGTTCAGTGCCTCTAGCAATTGGATTAAGTGGCCAACGAGTTTTAGGAGTGCCAATCATAGTTCAGGCA  
TCACAGGCAGAAAAACAGAGCTGCTGCAATGGCAAACAATTTACAAAAGGGAAGTCTGGACCTATGA  
GGCTCTATGTAGGCTCATTACACTTTAACATAACTGAAGACATGCTTCGGGGATCTTTGACCTTTTGG  
AAGGATTGAAAGTATTCAGCTCATGATGGATAGTAAACTGGCCGATCTAAGGGATATGGATTTATTACA  
TTTTCTGACTCAGAATGTGCCAAAAGGCTTTGGAACAACCTGAATGGATTTGAGTTAGCTGGGAGACCAA  
TGAAAGTTGGTCACGTTACTGAACGAACTGATGCTTCGAGTGCTAGTTCAATTTTGGACAGTGACGAACT  
AGAAAGGACTGGAATTGACTTGGGAACAACCTGGACGCTTCAGTTAATGGCAAGACTTGGCGAGGGTACC  
GGTTTGCAGATTCACCTGCCGCACAACAAGCATTACAAATGAGTGGCTCTCTGGCATTGGTGTGTGG  
CAGATTTGCAAACACGACTTTCCAACAGACCGAAGCCTCAGCTTAGCTGCAGCTGCGTCTGTTCAACC  
TCTTGAACACAGTGTTCCTCAACTTTCTAACATGTTAATCCTCAAACAGAAGAAGAAGTTGGATGGGAT  
ACAGAGATTAAGATGATGTCATTGAAGAATGTAATAAACATGGAGGAGTCATTCATATTTATGTTGATA  
AAAATTCAGCTCAGGGCAATGTGTATGTGAAGTGCCCATCTATTGCTGCGGCTATTGCTGCTGTCATGC  
ATTGCATGGCAGATGGTTTGTGGTAAAATGATAACAGCAGCGTATGTACCTCTTCCAACCTACCACAAC  
CTCTTCTGATTCTATGACAGCAACAACACTACTGGTTCCAAGTAGACGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >MR205657 protein sequence  
Red=Cloning site Green=Tags(s)

MQLAARIRPRDLEEFFSTVGKVRDVRMISDRNSRRSCKGIAYVEFVDVSSVPLAIGLTGQRVLGVPPIVQA  
 SQAENRRAAMANNLQKGSAGPMRLYVGSLEHFNITEDMLRGI FEPFGRIESIQLMMDSETGRSKGYGFI  
 FSDSECAKKALEQLNGFELAGRPMKVGHVHTERTDASSASSFLDSELERIGIDLTTGRLQLMARLAEGT  
 GLQIPPAQQALQMSGSLAFGAVADLQTRL SQQTEASALAAAASVQPLATQCFQLSNMFNPQTEEEVGVWD  
 TEIKDDVIEECNKHGGVIHIYVDKNSAQGNVYVKCPSIAAAIAAVNALHGRWFAGKMITAAYVPLPTYHN  
 LFPDSMTATQLLVPSRR

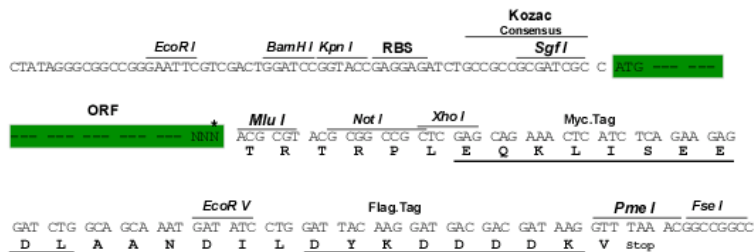
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

**ACCN:** BC030493

**ORF Size:** 1101 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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:** [BC030493](#), [AAH30493](#)

**RefSeq Size:** 2413 bp

**RefSeq ORF:** 1103 bp

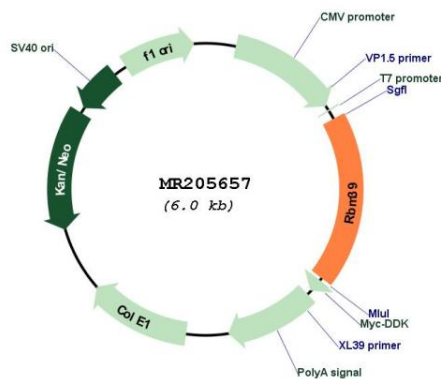
**Locus ID:** 170791

**Cytogenetics:** 2 H1

**MW:** 39.8 kDa

**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]

**Product images:**



Circular map for MR205657