

Product datasheet for **MR209206**

Rbm47 (NM_139065) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rbm47 (NM_139065) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Rbm47
Synonyms:	9530077J19Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR209206 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGACTGTGAAGATTCGCCACAGCCATGAACAGCGATCCAACAGTGGGGTCTCCACCAAGGTACCGG
 AGGGTGTGGCGGCGCGCCAATGAGGCTGCACTGTTGGCACTGATAGAGCGCACCGGCTACACCATGGT
 ACAGGAGAACGGGCGAGCGCAAGTACGGTGGACCCCGCCCGGCTGGGAGGGCCCGCATCCCCAGCGTGGC
 TGTGAGGTCTTCGTGGGCAAGATCCCACGTGACGTGTATGAAGATGAGCTGGTGCCTGTGTTGAGACCG
 TAGGTCGCATCTATGAGCTGCGACTCATGATGGATTTTCGATGGCAAGAACCAGCGGCTATGCCTTCGTGAT
 GTACTGCCACAAGCATGAGGCCAAGCGAGCCGTTCCGGAACTCAACAACACGAGATCCGCCCGGCGCT
 CTGCTGGTGTGTGTGTAGTGTGGACAACTGCCGTCTCTTCATTGGTGGCATCCCCAAGATGAAGAAGC
 GCGGGGAGATCCTGGAGGAGATCGCAAGGTACCGAGGGCGTACTCAACGTGATTGTGTATGCCAGTGC
 GGCAGACAAGATGAAAAACCGAGGCTTCGCCTTTGTGGAGTATGAGAGCCATCGTCTGCAGCCATGGCA
 CGCCGCAAGCTCATGCCGGTTCGGATCCAACGTGGGGCCACCAGATTGCTGTGGACTGGGCCGAGCCAG
 AGATTGACGTGGACGAAGATGTGATGCAGACAGTGAAGATCCTCTACGTGCGCAACCTCATGATCGAGAC
 CACCGAGGAGACCATCAAGAAGAGCTTTGGCCAGTTCAACCCAGGCTGCGTGGAAAGGGTCAAGAAGATC
 CGTGACTACGCCCTTCGTGCACTTCACTAGCCGTGAGGATGCTGTGCATGCTATGAACAACCTCAACGGCA
 CAGAGCTGGAGGGATCCTGCTTAGAAGTACGCTGGCCAAAGCCGTGGACAAGGAACAGTACTCCCGCTA
 CCAGAAGCGAGCAAGGGTGGTGGTGGCTCGGCTGAGGCCGTAGCGCAGCAACCCAGCTACGTGTACTCC
 TGTGACCCCTACACGTTGGCTACTACGGCTACCCCTACAACGCTCTCATCGGCCCAACCGGGACTACT
 TCGTGAAAAACAGGCAGCATAAGAGGCGGAGGGAGAGGGCGCAGCTGAAACAGGACCCAGGGCCAGGGG
 TTCCTACCTCGGAGGATATCCGCTGGCGTGGTATATATAGCCGATATACGAAGGCAAAGGCAAACAG
 CAGGAGAAAGGATATGAACCTGTGCCGAATTTGGAGATCTCTCCTGTCAATCCAGTTGCCATTAACCTG
 GCACAGTGGCCATCCCTGCCATCGGTGCTCAGTACTCCATGTTCCAGGCAGCCCCAGCCCCGAAAAATAAT
 CGAAGATGGCAAGATCCACACAATGGAACACATGATCAGCCCCATTGCGGTGCAGCCTGACCCCGCCACT
 GCTGCTGCCGCTGCAGCCGCTGCAGCCGCTGCTGCCGTATTCTGCGGTATCCACACCGCCACCTTTCC
 AGGGCCGTCCAATAACTCCTGTGTACACCGTGGCACCAAAATGTTGAGAGAATCCCCACCGCCGCATCTA
 CGGGGCCAGCTACGTCCCCTTTGCTGCTCCCGCCACTGCCACAATCGCCACACTACAGAAGAACCGCCGG
 GCTGCCGTGTATGGGGGCTACGCCGGCTACATACCTCAGGCCTTCCCGCTGCTCTCCAGGTGCCATCC
 ACGACGTCTACCAGACTTAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR209206 protein sequence
 Red=Cloning site Green=Tags(s)

MTAEDSATAMNSDPTVGSSTKVPPEGVAGAPNEAALLALIERTGYTMVQENGQRKYGGPPPGWEGPHQPQRG
 CEVFGKIPRDVYEDELVPVFETVGRIVELRLMDFDGKNRGYAFVYCHKHEAKRAVRELNNYEIRPGR
 LLGVCCSVDNCRLEFIGGIPKMKRGEILEEIAKVTEGVLNVIVYASAADKMKNRGFVVEYESHRAAAMA
 RRKLMPGRIQLWGHQIAVDWAEPEIDVDEDVMQTVKILYVRNLMIETTEETIKKSFQGFNPGCVERVKKI
 RDYAFVHFTSREDAVHAMNNGTELEGSCLVTLAKPVDKEQYSRYQKAAKGGGSAEAVAQQPSVYYS
 CDPYTLAYYGYPYNALIGPNRDYFVKTSIRGRGRGAAGNRTPGPRGSYLGYSAGRGIYSRYHEGKQKQ
 QEKGYELVPNLEISPVNPVAIKPGTVAIPAIGAQYSMFQAAPAPKIIEDGKIHTMEHMISPIAVQPDPA
 AAAAAAAAAAAVIPA VSTPPPFQGRPI TPVYTVAPNVQRIPTAGIYGASYVPFAAPATATIATLQKNAA
 AAVYGGYAGYIPQAFPAALQVPIHDVYQTY

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_139065

ORF Size: 1773 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: [NM_139065.1](#), [NP_620704.1](#)

RefSeq Size: 4705 bp

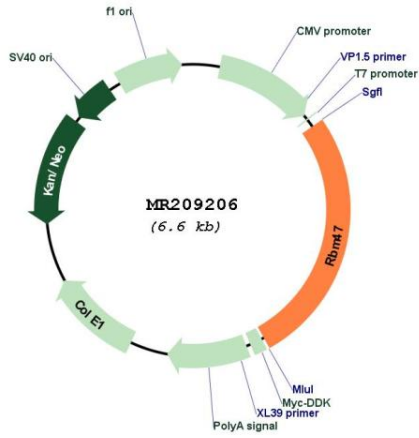
RefSeq ORF: 1773 bp

Locus ID: 245945

UniProt ID: [Q91WT8](#)

Cytogenetics: 5 C3.1
 MW: 64.1 kDa

Product images:



Circular map for MR209206