

Product datasheet for **RR201143**

Rbm41 (NM_001109420) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rbm41 (NM_001109420) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Rbm41
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RR201143 representing NM_001109420 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAGAGGGTAAATAGCTGTGTGAAGGATGAAGAGCATGTCCTGGAGGAAGTGGAAACAGAAGGTGAGA
 GGCAGCTCAAGAGCCTCCTTCAACATCAACTTGATACCTCTGTCTCCATTGAAGAATGTGTCTCTAAAAA
 AAAGAGCTTTGCCCTGGGACTATGTACAAGCCCTTTGGGAAGGAAGTAGCCGGGACAATGACTTTGTCC
 CAGTTCAGACACTACATGAAAAAGACCAGGAACTGCTTCTCTCAGGGAAGTGGGCACTCCCGAAGCAAT
 AAATATTGATCTGGAAAAGCCATGTTTCAGGTGAAAAGAGGACAAAGCTGAGGGCACTCCCGAAGCAAT
 ACAGAAAACGGCTTGAAGATATTTAAAGAAAGGATCTCGGAGCGCCAGCGCATCCTCTGCCTGCCACAGAGG
 TTTTCAAAGAGCAAAACAGCTGACCCGAAGAGAGATGGAATTGAAAAGTCTTTATTTTCAGGGAAGTATC
 GTCACCTCTTCTTAAGGCTCTTTATTACCAAGATGAACCCCAAGAAGAAACAAAGGTGATCCCATGAA
 CAACCTGGAAAGTTTTTACCACGAGACTATAATGAAAAACGTCTTGAAGAGTTCCAACCTTTGAGAGGT
 GAACCTTTCTTCCCACTCACTGGCCTCAGCTGCATCAGTGAGTGATAGTGGCACAGCTGAGAGCCCAT
 CACTCTCCAGGACAAGGAAAAACAGGCAGCACAGGGTAAAGGCCCACTCTCCATGTGGCAAAAGTTAT
 TGATTTTCCACCTGAGCAATGTTGGACTGGGCCTAAGAAGCTGAAGCAACCAATAGAATTTATCCAGAA
 GATGAAATCCAGAGAAATCGTTTGTGAGAGGAGATCCGAAACATTCTATGTTTTCTTCATATAATC
 CAGGGGAACCAACAAGGTGCTATATCTGAAGAACCTTAGTCCTCGGGTGAAGAAAGAGACCTTATCTC
 ATTATTCGCTCGATTCCAGGAGAAAAAAGGACCACTATTTCAGTTCCAAATGATGACTGGACGCATGAGG
 GGACAGGCTTTTATCACCTTTCCCAATAAGACATAGCATGGCAAGCACTGCACCAAAATTAATGGATATA
 AACTCTATGGGAAAAATTTGGTGATAGAGTTTGCGAAGAGCAGAAAGCAGCAGTCAGCTGCTCAGTGCGC
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 ACAAGGATGACGACGATAAGGTTTAA


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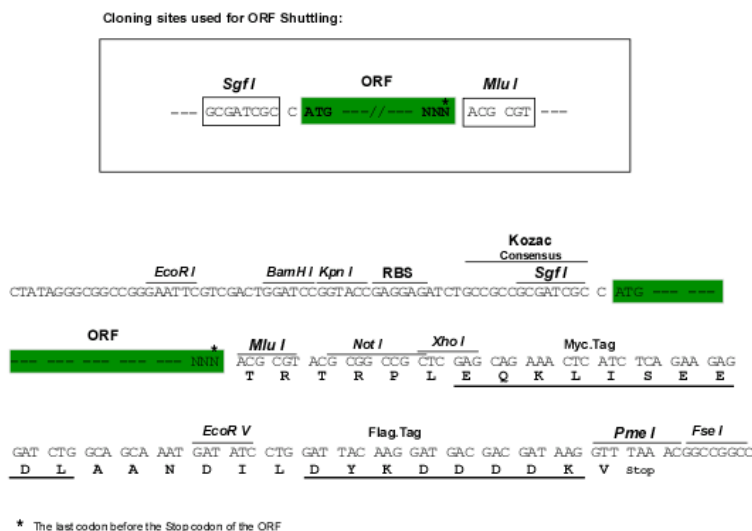
Protein Sequence: >RR201143 representing NM_001109420
Red=Cloning site Green=Tags(s)

MKRVNSCVKDEEHVLEELETEGERQLKSLQLHQHLDTSVSIEECVSKKKSFPAGTMYKPFPGKEVAGTMTLS
 QFQTLHEKDQETASLRELGLNETEILIWKSHVSGEKRTKLRAPEAIQKRLEDIKERISERQILCLPQR
 FSKSKQLTRREMEIEKSLFQGTDRHSFLKALYYQDEPPKKNKGDPMNNEFSYHETIMKKRLEEFQLLRG
 EPFPSHSLASAAVSDSGTAAESPSSLQDKKGKAAQKGPSPSLHVAKVIDFPPEQCWTGPKKLQPIEFPE
 DEIQRNRLSEEEIRNPMFSSSPNPEPNKVL YLKN SPVKERDLSL FARFQEKKGPLIQFQMMTGRMR
 GQAFITFPNKDIAWOALHONGYKLYGKILVIEFAKSRKQSOAOCAPLISATDGRAEINGS

TRTRPLEOKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

Cloning Scheme:



ACCN: NM 001109420

ORF Size: 1239 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_001109420.1, NP_001102890.1

RefSeq Size: 2732 bp

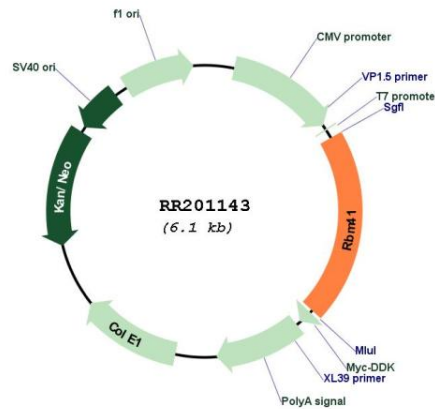
RefSeq ORF: 1242 bp

Locus ID: 680581

Cytogenetics: Xq32

MW: 47.2 kDa

Product images:



Circular map for RR201143