

Product datasheet for **RN206709**

Rbm42 (NM_001014159) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rbm42 (NM_001014159) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Rbm42
Synonyms:	RGD1306184
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN206709 representing NM_001014159
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCATCAGCGATGGCCGGAGCGGGACCAGCTCCGGACTCCCGTGGCGGGAGGGCCCGTGGTCCCGG
 GGCTGGTGTCCGCATCCCGGGCAAGAGCGGCGAAGAACGCTTGAAAGAAATGGAGGCGGAGATGGCCCT
 GTTTGAGCAAGAAGTACTGGGAGCTCCGGTGACCGGAATCCCAACTGCTGTGCCTGCGGTGCCACAGTG
 GAGGCGATGCAGGTTCCCCAGCACCTGTGATCCGCCAATTATCGCCACCAACACATATCAACAGGTCC
 AACAGACCCTGGAGGCCCGGGCAGCTGTGCAGCCACAGTAGTTCCTCCCATGGTGGGAGGCCCTCCTTT
 TGTGGGCCAGTTGGCTTTGGCCCTGCTGATCGAAGTACCTGGACAGTCTGAGGCTCGAGAGGCCATG
 TTCCTGAGGCGAGCAGCTGTGGCCCTCAGAGGGCCCTATCCTGCGTCTGCCTTCGTCGCCACAGTGC
 TACAGAGAGCAGATTCTGCTCTTTCTTCTGCAGCTGGCGGCCCGACCTATGGCCCTGAGGCCCTCCACA
 CCAGGCCCTGGTTGGACCCCTCTGCCTGGCCCTCCTGGACCACCATGATGCTACCACCAATGGCTCGG
 GCACCTGGACCACCCCTGGGTTCTATGGCTGCCCTGAGACCTCCCTGGAAGAGCCAGCAGCTCCTCGAG
 ATCTGGGCCTAGGCCTTGGTTTAGGCCTGAAGGAGAAGGAAGAAGCAGTAGTGGCTGCAGCGGTGGCT
 GGAGGAAGCTAGTGCAGCAGTGGCTGTGGGGCAGGAGGAGCCAGCCGGGCTGCAGTCATTGGTCCC
 AGCCTCCCGTGGCCCTAGCCATGCCCTTGCTGAGCCGAGCCCTTGCCCTCCCGTGGAGGTGGTCC
 GTGGCCTGCTGCCTCCACTTCGAATTCCTGAGCTCCTGTCTGCGCCACGACCTCGGCCCCCTCGGCC
 TGAGCCACCTCCTGGCCATGAGCCCTAGAGGTTCCAGAGCCACTGGGTGAAGACAAGAAGAAAGGAAG
 CCAGAGAAATTGAAACGCTGCATTCTGTACAGCAGCAGGGAGCAGCTGGGAGGACCCAGCCTGCTGGAGT
 GGGATGCCGATGACTTCCGAATCTTCTGGGGGATCTGGGCAATGAGGTGAACGATGACATCTTGGCAG
 AGCCTTCAGCCGTTCCCATCCTCCTTAAGGCGAAGGTGATCCGTGACAAGCGCACAGGCAAAACCAAG
 GGCTATGGCTTTGTGAGCTTCAAAGACCCAGTACTATGTGCGTGCCATGCGTGAGATGAATGGGAAGT
 ACGTGGGCTCACGCCCATCAAGCTTCGCAAAAGCATGTGGAAGGACCGAATCTGGATGTGGTCCGTAA
 GAAGCAGAAGGAAAAGAAAAAGTTGGGCCTCAGATAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001014159
- Insert Size:** 1437 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).
- 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_001014159.2](#), [NP_001014181.2](#)
RefSeq Size: 1682 bp
RefSeq ORF: 1437 bp
Locus ID: 361545
UniProt ID: [Q6AXT7](#)
Cytogenetics: 1q21
Gene Summary: Binds (via the RRM domain) to the 3' untranslated region (UTR) of p21 mRNA.
[UniProtKB/Swiss-Prot Function]