

Product datasheet for MC223919

Rbm20 (NM_001170847) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rbm20 (NM_001170847) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rbm20
Synonyms:	1110018J23Rik; 2010003H22Rik; AI646761
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC223919 representing NM_001170847 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTGCTGGCAGTAGCCATGAGCCAGGACGCGGATCCCAGCGGTCCGGAGCAACCCGACAGAGATGCCT
GCGTTATGCCGGTGTTCAAGGGCCCTCCGTGCCAGGGCCAGCAAGGGATGCAGCCTCTGCCGCCACC
GCCACCGCCTCAGCCTCAAGCCAGCCTGCCCCAGATCATCCAAAATGCTGCCAAGCTCCTGGATAAGAGC
CCCTTCTCGGTCAATAACCAGAACCCTCTGCTCACGTGCGCAGCCAGCGTCCAGCTGGCCAGATACAGG
CTCAGCTCACCTCCATCGGCTGAAGATGGCACAGACCGCAGTCACCAACAACACTGCAGCGGCCACGGT
TCTGAACCAAGTCTCTCAAAGTGGCCATGTCCAGCCTCTTCAACCAAGCTCCGGCATCCGTCTGTG
CTCGGCACCGCACATGGCCCTACTGGGGTGTCCAGCATGCTGCCTCGGTTCCAGCGCTCACTTCCCT
CAACCGCAATCGCCTTTTCGCCCCCAAGCCAGACAGGAGGCCAGGGCCTTCTGTGAGCCTCCCCAGCCA
GCCCCCAATGCTATGGTAGTTCATACCTTCAGTGGAGTGGTACCTCAGACCCCTGCCAGCCAGCTGTC
ATCCTTAGCCTTGGGAAGGCTGGGCCTACACCGGCTACTACAGGGTCTATGACTATGGCAAAGCCAACT
CCGGCCAAGCGTATGGTCTGAAACGGAGGGCCAGCCAGGCTTCTTGCCAGCCTCGGCCTCAGCCACAGC
ATCAGGCAGTATGACCTATGAAGGGCACTATAGCCACACAGGGCAGGATGGCCAACTGCCTTTTCTAAA
GACTTCTATGGACCAATGCCAAAGGGCCACACATAGCAGTGGATTTCCAGCTGATCAGACTGGGAGCA
TGAAGGGAGACGTTGGTGGGCTGTTGCAAGGCACCAACAGCCAGTGGGAGAGGCCCCCTGGATTCTCAGG
CCAAAACAAGCCGATATTACAGCGGGACCCAGTTTGTGGGCTCCACCTGCCAGCCAGCCTTATGAGCTC
TATGACCTGAAGAGCCTACCTCAGACAGGGCCCTCCTGCCTTTGGGTCTCGGCTTAACAACAGCAAGC
AGGGATTCGGCTGCTCTTGCCGAAGGACAAAGGAGGGACAGGCTGTGCTGTCCGTGAGGCCCTGCAGGG
TCATCAACTGAACGATTTCCGAGGCTTGGCTCCACTCCACCTACCACATATCTGCAGCATCTGTGACAAG
AAGGTGTTTGACTGAAGGACTGGGAGCTACATGTGAAAGGGAAGCTGCATGCCAGAAAATGCCTGCTCT
TCTCAGAAAAGTGTGCCCTCCGGAGTATACGTGCTTCAGGAGAGGGGACACTGTCTGCCTCTGCTAACAG
CACAGCTGTTATAACCCCACTGAAACGAGGATTATACCTCAAATCTTGAACATCATATGCAGCCATT



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CCAACGAGGGCCTTTGCTCAGTCAAACCCCGTGTTCCTTCAGCTTCTCTGGGACAAGTTTTGCAGCAC
 AGAGGAAAGGCGCTGGACGGGTAGTGCACATCTGCAATCTCCCGGAGGGCAGCTGCACGGAGAATGACGT
 CATTAACTGGGGCTGCCCTTTGGCAAGGTCACATAATTACATCCTCATGAAGTCAACTAATCAGGCTTTC
 TTGGAGATGGCTTACACAGAAGCCGCCAGGCTATGGTCCAGTACTACCAAGAAAAGCCTGCGATTATCA
 ATGGCGAGAAGTTACTCATTGCGATGTCCACCAGATAACAAGGAATTGCAGCTGAAGAAACCTGGGAAAAA
 TGTGGCTGCTATCATCCAAGACATCCATTCCCAGAGGGAGAGGGACATGCTCCGGGAAGCTGACAGGTAT
 GGTCCAGAGCGGCCACGTTCTCGAAGTCCAATGAGCCGATCACTCTCCCAAGATCCCATAGTCCCCCAG
 GCCCTCTCGGGCTGACTGGGGCAATGGCCGTGACTCCTACGCGTGGAGAGACGAGGATCGAGAGACTGT
 CCCCAGGAGGGAGAACGGGGAAGACAAAAGAGACAGGTTGGATGTTTGGGCACATGACCGGAAACTAT
 CCTAGGCAGCTGGACAAAGCTGAGTTGGATGAGCGACTCGAAGGAGGGAGGGGCTACCGGAAAAGTACT
 TGAAGTCAAGGTCTCCCGGCCACTCCATTCTGTGTCTGGCTACAAAGCCGGGAAGATGGTACCATCG
 AAAAGAGCCTAAAGCCAAGTTGGACAAATACCCAAAGCAGCAGCCGGATGTGCCAGGAAGATCCAGAAGG
 AAAGAAGAGGCGAGACTACGGGAGCCAGACACCCTCACCCAGAGGATCCGGCAAGGCAGAGGATCTGG
 AGCCAAAGATCACGCGGGCCCTGACGGTACCAAGTCCAAGCAAAGTGAGAAAAGTAAAACCAAGAGAGC
 CGACAGAGACCAAGAAGGAGCTGACGACAAAAAAGAAAGCCAAC TGCCGAGAATGAGGCTGGAGCTGAG
 GAACAGGAAGGCATGGTGGGCATACAGCAGGAAGGGACAGAGTCTGTGATCCAGAAAACACAAGGACAA
 AGAAGGGACAAGACTGTGACAGTGGGAGTGAACCCGAGGGGGACAAC TGGTACCCCAACATGGAGGA
 GTTGGTCAAGTGGACGAAGTAGGCGAGGAAGATTTATCATGGAACAGACTTACCAGAGCTGGAAGAA
 ATTGTGCCTATTGACCAGAAAGACAAAACCCTCCCTAAAATATGTACCTGTGTAACGGCCACCTTAGGTT
 TGGACTTGGCCAAAGATTTACCAAGCAGGGAGAGACCCTAGGGAACGGAGACGCAAGTACAGCCTGAA
 GCTGCCCGACAAGTGCCGTCTACTTCCGCAAGCTGTCCAATGACACGGACCTGGAGATGCCTGGCCTA
 AATCTGGATGCTGAGCGGAAGCCAGCTGAAAGCGAGACAGGCCTCTCACTGGAGGTCTCAAATGCTACG
 AGAAGGAGGCAAGAGGAGAGGAGGACTCAGATGTGAGTCTGGCCCTGCAGTGCAGCAAATGCTCCTCCC
 CCAGCCAGCAGATGAGCGGGCCCGCAGTCCAGCCCTTTTCTCGATGACTGCAAGGCCAGGGGTCCCCA
 GAAGATGGGTCTCATGAAGCCAGCCCCCTGGAAGGAAAAGCCAGCCACCTACTGAAAGGCACCTCCAAA
 GCCAGGCTTCCGAGAAAACCCAGGTACATGGAAGTGAATCTCTGAACGTGAGATCGCCAGAATTAC
 CGAAGCGGAGCTGAAAGAGCCCCCTTTCTTTGCCTTCTGGGAACCGGAGGTGTTCACTGAACTTAGCATT
 CCTCTAGGAGTGGAGTTCGTGGTCCCAGGACTGGCTTTTATTGCAAGCTGTGTGGCCTGTTCTACAAA
 GCGAGGAGGCGGCCAAAGTGAGCCACTGCCGAGCACTGTCCACTACAGGAACCTACAGAAGTACCTGTC
 TCAGCTGGCAGAGAGGGCCTGAAGGAGACGGAGGGGACAGACAGCCCAAGCCCCGAGCGTGGTGGGATT
 GGTCCACACTTGGAAAGGAAGAAGCTATGA

ACGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGA
 TTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-NotI

ACCN:

NM_001170847

Insert Size:

3600 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_001170847.1](#), [NP_001164318.1](#)

RefSeq Size: 6607 bp

RefSeq ORF: 3600 bp

Locus ID: 73713

UniProt ID: [Q3UQS8](#)

Cytogenetics: 19 D2

Gene Summary: RNA-binding protein that acts as a regulator of mRNA splicing of a subset of genes involved in cardiac development. Regulates splicing of TTN (Titin).[UniProtKB/Swiss-Prot Function]