

Product datasheet for MC203679

Rbm3 (NM_016809) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rbm3 (NM_016809) Mouse Untagged Clone
Tag: Tag Free
Symbol: Rbm3
Synonyms: 2600016C11Rik
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC006580
 CTCGTCGTCCTCTGCTGCTCTGACTTTTAATTTCCAGGACTTGCCTTCTGCCATGTCGCTGAAGAAGG
 GAAACTTTCGTAGGAGGCTCAACTTCAACACCGATGAACAGGCATTGAAGACCACTTCAGCAGCTTT
 GGGCCTATCTCTGAGGTGGTTGTGTCAAGGACCGGAGACTCAAAGATCCCGGGGTTTTGGCTTCATCA
 CCTTCACAAACCCAGAGCATGCCTCAGATGCGATGAGAGCCATGAATGGAGAGTCCCTGGATGGGCGCCA
 AATCCGAGTTGATCATGCAGGAAAGTCTGCCAGGGATCCAGAGGGGTGCCTTTGGTGGCGTGGTCGC
 AGTTACTCTAGAGGTGGTGGAGACCAGGGATATGGAAGTGAAGATATGACAGTCGCTCTGGAGGATATG
 GATATGGGTATGGGCGTCTAGAGACTACAGTGGCAGCCAGGGTGGCTATGACCGCTACTCAGGAGGAAA
 TTACAGAGACAATTATGACAACCTGAGATGGGCATGCACACAAAATATACACAAGGAATAACACTTCTGA
 TCCAGGATCGTCCTTGCAAATTGCTGTATTTATAAAGATTTTTGGAGCTGCGCTGAAACGCTGTGTTTTAG
 TACATCAAGTTCTATTTTTGAATTGAGCTCCCAAGGTAGTTTGTAAAGAACTTTTAGAAAGCTCCATGT
 GTTCTTTAAACATTTTTTCCCTTTTAAAAACAAATTTTAAAGACATTTGTTACAGTCCAATATTTTTCTT
 TTTATCAGAAATTTTTGTTTAGGCACTCAGGATTATTGTTTCTGGCCTAAAAGAAAAAGTGGCCAGGCTAA
 ATCAGTTTTTAAAGTTGATGTGTATTTAGGGACATTTTAAACCTTGTAACAGAAAAGTGATTTCTGAAT
 GTACCTATGAACAATCCGAGTCAAGATCATGATTGCTTAGAGATGTTTTTATTAAGATCACCATCCTG
 ATTATATAGAAGACTTCTTTAAATGTTTGTGAATGTCATTTTTAATACTGGAAGAAAAGTATTCTGT
 TGTGCTGATGTGTTTAGGATGTCCTTTATGGAGCTAATTAAGATGAAACCTGAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_016809

Insert Size: 462 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).



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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:	<ol style="list-style-type: none">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:	<u>BC006580, AAH06580</u>
RefSeq Size:	1133 bp
RefSeq ORF:	462 bp
Locus ID:	19652
Cytogenetics:	X 3.68 cM
Gene Summary:	<p>Cold-inducible mRNA binding protein that enhances global protein synthesis at both physiological and mild hypothermic temperatures. Reduces the relative abundance of microRNAs, when overexpressed. Enhances phosphorylation of translation initiation factors and active polysome formation.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longer protein (isoform 1). Variants 1, 2, and 5 encode the same protein (isoform 1).</p>