

Product datasheet for **MC225953**

Rbm3 (NM_001293658) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rbm3 (NM_001293658) Mouse Untagged Clone
Tag: Tag Free
Symbol: Rbm3
Synonyms: 2600016C11Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC225953 representing NM_001293658
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTCGTCTGAAGAAGGGAACTCTTCGTAGGAGGGCTCAACTTCAACACCGATGAACAGGCACTTGAAG
ACCACTTCAGCAGCTTTGGCCATCTCTGAGGTGTTGTTGTCAAGGACCGGGAGACTCAAAGATCCCG
GGTTTTGGCTTCATCACCTTCACAAACCCAGAGCATGCCTCAGATGCGATGAGAGCTATGAATGGAGAG
TCCTGGATGGCGCAAATCCGAGTTGATCATGCAGGAAAGTCTGCCAGGGGATCCAGAGGGGTGCC
TTGGTGGCGTGGTTCGAGTTACTCTAGAGGTGGTGGAGACCAGGGATATGGAAGTGAAGATATGACAG
TCGTCCTGGAGGATATGGATATGGGTATGGGCGGTCTAGAGACTACAGTGGCAGAAGCCAGGGTGGCTAT
GACCGCTACTCAGGAGGAAATTACAGAGACAATTATGACAAC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001293658
Insert Size: 465 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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OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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>NM_001293658.1</u> , <u>NP_001280587.1</u>
RefSeq Size:	1344 bp
RefSeq ORF:	465 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 (5) contains an alternate terminal exon in the 3' UTR, compared to variant 1. Variants 1, 2, and 5 encode the same protein (isoform 1).</p>