

Product datasheet for **MR209032**

Rbm28 (BC018373) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rbm28 (BC018373) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Rbm28
Synonyms:	MGC12075, MGC38664
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>MR209032 representing BC018373
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAGGAGATAAAAGGACGGACTGTGGCTGTGGATTGGCTGTGGCAAAGGACAAATACAAAGATGCC
 AGCATGCTTCTGCCCAGGTGTAAGAAGAGCAGTGACCGGAAGCCTAAGGAATCAGGTAAGAAGAACTG
 CAGGGTGAAGAACAAGTAGAAGATAGTATGATGAAGAAGATGATGATAGCCATGATGACGAAGAAGAA
 AGAGAATCAACAATAGCTTCTCCTGTGAGTGTGCACAAGAGAGCAGTCAAGAGAGCAGCTCCCGAGGAAA
 GCATCGAGGAAGACGACTCCTACGAGGACAGTGACCTGGAGGAAGGAGGCAGCTCCTATGATGAGGGGAC
 AGTGGACAGTGAAGCAGCGCTGAAGATCAAGAGGATGAAGATGTTCCAGTCTCAGAGAAAAAGAAGAGG
 AAGTTACCCTCGGATGTGACGGAAGGAAAAGTGTCTTCATCAGAAATCTTTCATTTGACTCAGAAGAAG
 AGGCATTGGCGAGGTCCTCAACAGTTTGGTGATCTTAAGTATGTCGAGTTGCTTGCATCCAGACAC
 AGAGCATTCTAAAGTTGTGCATTCGCACAATTCATGACTCAGGAAGCAGCTCAGAAATGCTTGCAGCG
 GCCTCTCTAGAGGCTGAGGGTGGTGGGCTTAAACTGGACGGCCGACAGCTCAAGGTCGACTTAGCTGTGA
 CCCGGGATGAGGCAGCAAAGCTTCAAGACAAGAAAGGTGAAGAAGCCAAGTGAACCCGGAACCTCTATCT
 GGCCAGAGAAGGCTTGTATCCGCGCTGGGACGAAGGCTGCTGAGGGTGTGAGTGCCGACAGATATGGCCAAA
 CGCGAGCGGTTTGTAGCTACTGAAACATCAGAAACTCAAGAACCAGAAATATCTTTGTCTCGCAGACCAGGC
 TTTGCCTGCACAATCTCCCAAAGGCTGTGGACGATAAACAGCTAAGGAAGCTGCTGCTGGAGGCCACTCG
 AGGAGAGAAGGGGTTTGAATTAAGGAGTGTAGAGTGTGCGGGACCTTAAAGGAGTTTATGGGAAAATG
 AAGGGTCAGTCCCTGGGCTATGCCTTTGCAGAGTTCAAAAGCATGAGCATGCCCTCAGAGCCCTCCGCC
 ACTTCAACAACAACCCAGAGATCTTTGGTCCAAAAGAGACCCATAGTGGAGTTTCTTTAGAAGACCG
 AAGGAAAACCTTAAAGTGAAGGAGCTGAGGATCCAACGACGCTGCAAAAAATGGAATCCAAGCCTGTGACC
 AGTAAGCCCCAAAAGGAGCAAAAAGAGTTGAAAAGACAAGCAACAGAAAGCAGTTCAGAGCGCCACAC
 AGGATCAGAGTAAGGCGCCTGGAGAGCAGAAGGGGAAAGCCGGCTCCACCTCGTGGACAGGCTTCCAGAC
 CAAGGCTGAAGTGGAGCAGGTGGAGCTGCCTGACGGGAAGAAGAGAAGAAAGGCTCCTGGCACTCCCTTCA
 CACCGAGGCCCAAAATAGGCTGCGGGACAAGGCAAGTGAAGTCCCTGCCTTCTAGGAAGCCAAAGC
 CCCAGATGGGCCAGCGGAAGCAAAAAGCAGCAGTTAGCGTCTCCGTGCAGGCGCCTAAAAGAAAGGC
 TAAGGAGATAAGGCAGAAGCCCGCTTCAACCAGCTGGTTGAACAATATAAGCAGAAGTTGCTGGGCCCT
 TCTAAAGGAGCGCCCTCATGAAGAGAAGCAAATGGTTTGACAGC

ACGCGTACGCGGCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR209032 representing BC018373
 Red=Cloning site Green=Tags(s)

MKEIKGRTVAVDWAVAKDKYKDAQHASAPGVKSSDRPKESGKKNCRVEEQVEDSDDEEDDSDHDEEE
 RESTIASPVSVHKRAVKRAAPEESIEEDDSYEDSDLEEGSSYDEGTVDSESSAEDQEDEDVVPSEKKR
 KLPSDVTEGKTVFIRNLSFDSEEEALGEVLQQFDLKYVRVVLHPDTEHSGCAF AQFMTQEAQAQCLAA
 ASLEAEGGGLKLDGRQLKVDLAVTRDEAAKLQTKKVKKPTGTRNLYLAREGLIRAGTKAAEGVSAADMAK
 RERFELLKHQKLNQNI FVSQTRLCLHNLPKAVDDKQLRKLLEATRGEKGVRIKECRVMRDLKGVHGKM
 KGQSLGYAFAEFQKHEHALRALRHFNNPEIFGSQKRPIVEFSLDRRKLKVKELRIQRSLQKMEKPV
 SKPQKEQKEVGDKQKAVQSATQDQSKAPGEQKQKAGSTSWTGFQTKAEVEQVELPDGKRRKVLALPS
 HRGPKIRL RDKGKVKSLPSRKPQPMGQRKQKQQLASSVQAPKRKAKENKAEARFNQLVEQYKQKLLGP
 SKGAPLMKRSKWFDS

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

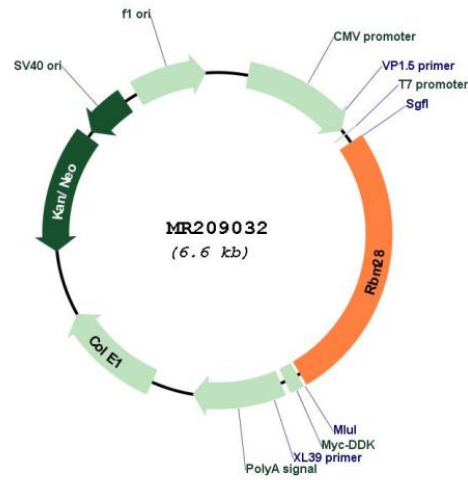
Cloning Scheme:

Cloning sites used for ORF Shutting:



* The last codon before the Stop codon of the ORF

Plasmid Map:



ACCN: BC018373
 ORF Size: 1725 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:	<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:	BC018373.1
RefSeq Size:	2117 bp
RefSeq ORF:	1727 bp
Locus ID:	68272
Cytogenetics:	6 A3.3
MW:	77.6 kDa
Gene Summary:	Nucleolar component of the spliceosomal ribonucleoprotein complexes.[UniProtKB/Swiss-Prot Function]