

Product datasheet for **MG209032**

Rbm28 (BC018373) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rbm28 (BC018373) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Rbm28
Synonyms:	MGC12075, MGC38664
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MG209032 representing BC018373
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAAGGAGATAAAAGGACGGACTGTGGCTGTGGATTGGCTGTGGCAAAGGACAAATACAAAGATGCC
 AGCATGCTTCTGCCCCAGGTGTAAGAAGAGCAGTGACCGGAAGCCTAAGGAATCAGGTAAGAAGAACTG
 CAGGGTGAAGAACAAGTAGAAGATAGTATGATGAAGAAGATGATGATAGCCATGATGACGAAGAAGAA
 AGAGAATCAACAATAGCTTCTCCTGTGAGTGTGCACAAGAGAGCAGTCAAGAGAGCAGCTCCCGAGGAAA
 GCATCGAGGAAGACGACTCCTACGAGGACAGTGACCTGGAGGAAGGAGGCAGCTCCTATGATGAGGGGAC
 AGTGGACAGTGAAGCAGCGCTGAAGATCAAGAGGATGAAGATGTTCCAGTCTCAGAGAAAAAGAAGAGG
 AAGTTACCCTCGGATGTGACGGAAGGAAAAGTGTCTTCATCAGAAATCTTTCATTTGACTCAGAAGAAG
 AGGCATTGGCGAGGTCCTCAACAGTTTGGTGTCTTAAGTATGTCGAGTTGCTTGCATCCAGACAC
 AGAGCATTCTAAAGTTGTGCATTCGCACAATTCATGACTCAGGAAGCAGCTCAGAAATGCTTGCAGCG
 GCCTCTCTAGAGGCTGAGGGTGGTGGGCTTAAACTGGACGGCCGACAGCTCAAGGTCGACTTAGCTGTGA
 CCCGGGATGAGGCAGCAAGCTTCAAGACAAGGAGGTAAGAAGCCAAGTGAAGCCCGAACCTCTATCT
 GGCCAGAGAAGGCTTGTATCCGCGCTGGGACGAAGGCTGCTGAGGGTGTGAGTGCCGACAGATATGGCCAAA
 CGCGAGCGGTTTGTAGCTACTGAAACATCAGAACTCAAGAACCAGAAATCTTTGTCTCGCAGACCAGGC
 TTTGCCTGCACAATCTCCCAAAGGCTGTGGACGATAAACAGCTAAGGAAGCTGCTGCTGGAGGCCACTCG
 AGGAGAGAAGGGGTTTGAATTAAGGAGTGTAGAGTGTGCGGGACCTTAAAGGAGTTTATGGGAAAATG
 AAGGGTCAGTCCCTGGGCTATGCCTTTGCAGAGTTCAAAAGCATGAGCATGCCCTCAGAGCCCTCCGCC
 ACTTCAACAACAACCCAGAGATCTTTGGTCCAAAAGAGACCCATAGTGGAGTTTCTTTAGAAGACCG
 AAGGAAAACCTTAAAGTGAAGGAGCTGAGGATCCAACGCAGCTGCAAAAAATGGAATCCAAGCCTGTGACC
 AGTAAGCCCCAAAAGGAGCAAAAAGAGTTGAAAAGACAAGCAACAGAAAGCAGTTCAGAGCGCCACAC
 AGGATCAGAGTAAGGCGCCTGGAGAGCAGAAGGGGAAAGCCGGCTCCACCTCGTGGACAGGCTTCCAGAC
 CAAGGCTGAAGTGGAGCAGTGGAGCTGCCTGACGGGAAGAAGAGAAGAAGGCTCCTGGCACTCCCTTCA
 CACCGAGGCCCAAAATAGGCTGCGGGACAAGGCAAGTGAAGTCCCTGCCTTCTAGGAAGCCAAAGC
 CCCAGATGGGCCAGCGGAAGCAAAAAGCAGCAGTTAGCGTCTCCGTGCAGGCGCCTAAAAGAAAGGC
 TAAGGAGAATAAGGCAGAAGCCCGCTTCAACCAGCTGGTTGAACAATATAAGCAGAAGTTGCTGGGCCCT
 TCTAAAGGAGCGCCCTCATGAAGAGAAGCAAATGGTTTGACAGC

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>MG209032 representing BC018373
 Red=Cloning site Green=Tags(s)

MKEIKGRTVAVDWAVAKDKYKDAQHASAPGVKKS SDRPKESGKKNCRVEEQVEDSDDEEDDSDHDEEE
 RESTIASPVSVHKRAVKRAAPEESIEEDDSYEDSDLEEGSSYDEGTVDSSESSAEDQEDEDVVPSEKKR
 KLPDVTGKTVFIRNLSFDSEEEALGEVLQQFGDLKYVRVVLHPDTEHSGCAFAQFMTQEEAAQKCLAA
 ASLEAEGGGLKLDGRQLKVDLAVTRDEAAKLQTKKVKKPTGTRNLYLAREGLIRAGTKAAEGVSAADMAK
 RERFELKHQKLNQNI FVSQTRLCLHNLPAVDDKQLRKLLEATRGEKGVRIKECRVMDLKGVHGKM
 KGQSLGYAFAEFQKHEHALRALRHFNNPEIFGSQKRPIVEFSLIEDRRKLVKELRIQRSLQKMESKPV
 SKPQKEQKEVGDQKQKAVQSATQDQSKAPGEQKQKAGSTSWTGFQTKAEVEQVELPDGKKRRKVLALPS
 HRGPKIRLRDKGKVKSLPSRKPQPMGQRKQKQQLASSVQAPKRKAKENKAEARFNQLVEQYKQKLLGP
 SKGAPLMKRKSKWFDSD

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-MluI

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
Gene Summary:	Nucleolar component of the spliceosomal ribonucleoprotein complexes.[UniProtKB/Swiss-Prot Function]