

## Product datasheet for **MR210892**

### **Rbm12b1 (NM\_028226) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Rbm12b1 (NM_028226) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Rbm12b1
Synonyms:	3000004N20Rik; Rbm12b; Rbm12ba
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>MR210892 representing NM\_028226  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCTGTAGTCATCCGTTTACTGGGGCTTCCTTTTATTGCGGGTCTGTGGATATCCGTCACCTTCTCA  
 AGGGATTGACTATTCTGATGGAGGAGTGCATATAATTGGAGGAAAGTTGGGGAGGCTTTTATAATTTT  
 TGCAACAGATGAAGATGCAAGACGTGCTATAAGTCGCTCAGGAGGGTTTATCAAGGATTCATCTGTAGAG  
 CTTTTTCTTAGTAGCAAGGTAGAAATGCAGAAGACCATAGAAATGAAAAGAACTGCTCGAGTAGGAAGAG  
 GGCGACCAGGATCCGGGGCATCAGGGTTGGCAACGTGTATCTTTTAGTGATGCTCTGAAGGAAGAAGA  
 AAGTTATTCTGGATATGGCTCTTCGGTTAATCGAGATGCTGGGTTTCATACAAATGGTACAGGACTTGAC  
 TTAAGGCCAAGAAAGACCAGGCCATTGAAGGCTGAGAATCCTTACTTATTCTACGAGGTTTGCCTTACT  
 TAGTAAATGAAGATGATGTCGGTGTCTTTTCTCTGGTTTGTGTGTAGATGGAGTAATTCTCTTAAACA  
 TCATGATGGCCGAAATAATGGTGTGCTATAGTAAAATTTGCTTCATGTGTTGATGCTTCAGGAGGCTT  
 AAATGCCATAGAAGTTTCATGGGTTCAAGATTTATAGAAGTCATGCAGGGTTCAGAACAAACAGTGGATTG  
 AATTTGGTGGTACTGCAACCGAGGGCGGTGACACTCCTCGTATGAGATCTGAAGAGCATTCTCCTCAAG  
 AAGGATTAATGGTAGACATTTTCGGAACGGTCTCATTCAAAATCTCCTAGAGCACGTTCTCGCTCCTCT  
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 TGTGATGTTCAAGAATCAAAAAGACTATAATACTGCCCTGGGTTGCATAAGACTGTTTTACAATATCGT  
 CCAGTCTTATTGATCCAGTGTCTAGGAAGGAAATGGTGAAGATCATTGAATGCTATGAGAAGAAGAGAC  
 CAGAGTCTTTAGAGAAGGAAAGGCCAGGACGTGTTTCACAAAAGTACTCTCAAGAAGCTTCTCTGGCTC  
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 TTTGCAGACTTTTCTCTTGTGAGGATGACATTTATCTGCTTTGTGATGACAAGGGAGTTGGTTGGGAG  
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 GGGGATAGAGGTGTTGTTAAGACTTATATCTGAGGAACAATGCAGGAGTTTGGTGTAAGTCTTCTCGG  
 TTGTCTAATGAGAGGACACAAGCGTGTCCAGGTCACACGATGGAGATGACTGTTCTGTTTGTGTTGACT  
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 TGCTCTGGAGGATTGGAATGGTCACAGGAAGATGATTTTAGGCAGTGTATGAGAAAGATCGTAGGCA  
 GCTAAGAAGCCCTTGGGAAGAAGACTTCAGACGGCCATCTCAGGAGCACTTCAGGAGATCCTATCAGGAG  
 CACATTAGACAGCCACCCGAAGAACATTTCAGGCGTTCGAGAGGAAGATTTAGGCAATGTGGCTGATG  
 AAGACTTTAGGCAAGCTTCTGATGAGGACTTCCGGACCTCCCAAGAAGATTTGAGATATCCCACTGATGA  
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 TTTAGATCTCCTGGAGAGGAGTTTGGACCCACCTGATTTAGAGGTCAACATCCCTTTGGGAACCTTG  
 ATCATCTACAAGGTGGCAAAATTTGATTTTGAAGTATAAATTTGGAAGTTTCTGATGCAAAAAGTTAC  
 CTCTGATCTAAATTTAAATTTGTTTTCAGATAAAATAATCCTGTAAAGATATCCAATCTTCCATTCAAA  
 GCTAATGCTAGTAAATTTAGACTTTTTTCATGGTTATAAAGTCATACCTGATTCCGTTTCATTACAGT  
 ATAATGAGCAAGGATTACCTATAGGAGAAGCCATTGTTGCTATGACAAATTATAATGAAGCTCTAGCTGC  
 AGTTAAAGATCTAAGTGGTAGACCAGTTGGTCCCCGAAAGTTAAGCTTAGTTTGCCT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR210892 representing NM\_028226  
Red=Cloning site Green=Tags(s)

MAVVIRLLGLPFIAGPVDIRHFFKGLTIPDGGVHIIGGKVGEAFIIFATDEDARRAISRSGGFIKDSVE  
LFLSSKVEMQKT IEMKRTARVGRGRPGSGASGVGNVYHFSDALKEEESYSGYGSSVNRDAGFHTNGTGLD  
LRPRKTRPLKAENPYLFLRGLPYLVNEDDVRVFFSGLCVDGVILLKHHGDRNNGDAIVKFASCVDASGGL  
KCHRSMGSRFIEVMQGSEQQWIEFGGTATEGGDTPRMRSEEHSPSRRINGRHFRRKSHSKSPRARSRSRSP  
LGFYVHLKNSLNTNKRDLRNLFRDSDLTNDQIKFVYKDERRTRYAFVMFKNQKDYNTALGLHKTVLQYR  
PVLIDPVSRKEMVRIIECYEKKRPESLEKERPGRVSQKYSQEGFSGSGQKLCIYIRNLPFDVTKGEVQKF  
FADFSLVEDDIYLLCDDKGVGLGEALVRFKSEEQAMKAERLNRQRFLGIEVLLRLISEEQMQEFGVKSSW  
LSNERTQACSRSHDGDSCSLFDLKDPSSCSFGQSESLRYHPKDLRKMGHFKHPQGYFRQSDRRSPEDFR  
HSPEDYRHPWEEHTSHSREEDWRLPLEDWKWSQEDDFRQCHEKDRRQLRSPWEEDFRRPSQEHFRRSYQE  
HIRQPPEEHFRSREEDFRHVADEDFRQASDEDFRTSQEDLRYPTDEDFRRVSVEDLREVPEKDLRLPKN  
FRSPGEEFWTPDFRGQHPFGNFDHLQGGKDFEKEYKFGSFPDAKVTSDLNLCVSDKIIPVKISNLPFK  
ANASEILDFFHGYKVIPDSVSLQYNEQGLPIGEAIVAMTNYNEALAAVKDLSGRPVGPRKVKLSLL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mm9049\\_a08.zip](https://cdn.origene.com/chromatograms/mm9049_a08.zip)

**Restriction Sites:** SgfI-MluI



**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\\_028226.2](#), [NP\\_082502.2](#)

**RefSeq Size:** 3313 bp

**RefSeq ORF:** 2511 bp

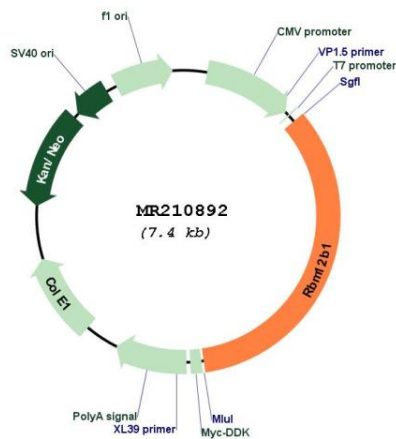
**Locus ID:** 72397

**UniProt ID:** [Q80YR9](#)

**Cytogenetics:** 4 A1

**MW:** 97 kDa

### Product images:



Circular map for MR210892