

## Product datasheet for **RR211308**

### **Rbm10 (NM\_152861) Rat Tagged ORF Clone**

#### **Product data:**

|                           |  |
|---------------------------|--|
| Product Type:             | Expression Plasmids                    |
| Product Name:             | Rbm10 (NM_152861) Rat Tagged ORF Clone |
| Tag:                      | Myc-DDK                                |
| Symbol:                   | Rbm10                                  |
| Mammalian Cell Selection: | Neomycin                               |
| Vector:                   | pCMV6-Entry (PS100001)                 |
| E. coli Selection:        | Kanamycin (25 ug/mL)                   |



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**ORF Nucleotide Sequence:**

>RR211308 representing NM\_152861  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGAGTATGAAAGACGAGGTGGTCGTGGTGACAGAACTGGCCGGTATGGAGCTACTGACCGCTCACAGG  
 ACGATGGTGGAGAGAACCGCAGCCGAGACCATGATTATAGAGACATGGACTATCGTTCATACCCACGAGA  
 GTATGGCAGTCAGGAAGCAAGCATGAGTATGACGACTCATCTGAAGAGCAAAGTGCAGAGATCCGTGGC  
 CAGCTGCAGTCCCATGGTGTCCAAGCACGAGAGGTCCGGCTGATGCGGAACAAATCCTCAGGTGAGACCC  
 GGGGCTTCGCCTTCGTCGAGTTTGTACTTGCAGGACGCTACACGATGGATGGAAGCCAATCAGCATT  
 CCTCAACATCCTGGGCCAGAAGTATCCATGCATTACAGCGACCCCAAGCCAAGATCAATGAGGACTGG  
 CTGTGTAATAAGTGTGGTGTCCAGAACTCAAGCGCCGAGAGAAGTGCTTCAAATGCGGTGTGCCAAAT  
 CAGAAGCAGAGCAGAAGTACCCCTTGGCACTCGACTGGATCAGCAGGCACTACCGTTGGTGGGCGGA  
 GCTAAGCCAGGGCTACTCCACTGCCGACGCCCTACCAGGCCAGGGAGTGCTGACCTCGCAAGCCTTG  
 TCACAGGGCTCAGAGCCAAGCTCCGAGAATGCCAATGACACCATTATTTACGCAACCTGAACCCACACA  
 GCACTATGGATTCCATCCTCGGGGCCCTAGCACCTATGCGGTGCTGTCCTTCCAATGTTGTTGTTAT  
 CAAGGACAAGCAGACCCAGCTGAACCGAGGCTTCGCCTTCATCCAGCTCTCCACCATCGTGGAGCAGCC  
 CAGCTGTACAGATCCTTCAGGCCCTACACCCTCCGCTCACCATCGATGGCAAGACCATCAACGTGGAGT  
 TTGCCAAGGGCTCAAGAGGGATATGGCTCCAATGAAGGCAGTCGCATCAATGCTGCCTCTGTGGCCAG  
 CACTGCCATTGCTGTGCCAGTGGGCAATCTCACAGGCTCCAGGGTGGGAGAGTACCTGGGCTGCC  
 CCCGAGGACCCACAGTTGACTACAGCTACTACCAACAGGATGAGGGCTATGGCAGCAGCCAGGGAACAG  
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 ATCTGGAGCAGGTCTGAGACCTCCCTTGAGGGTGGGACAGACTCTGTGCTACTGCAGGCTTCTCTCGA  
 GCCCAGCCTGGTGTGCCCTGGACTCTATCAGCAATCAGCTGAGGGGAGCAGTGGCCAGGGCACTGCTA  
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 CAGCTCTGCCTTACCACCGGCCACCAGTCCCACTGCCCCAGAGTCTACAGCCAGTACCCTGTTCTGAT  
 GTCTCTACTTACCAATATGATGAGACATCTGGCTACTACTATGACCCCAAGTGGTCTATACTATGATC  
 CCAACTCCAGTATTACTACAATGCTCAGAGTCAGCAGTACCTATACTGGGATGGGAGCGCGGACCTA  
 CATACTGCCTTGGAGCAGTCTGCTGATGGACATAAAGGACACAGGGGCATCATCAAAGGAGGAAAAGAG  
 AAAAAAGAGAAGCATAAGACGAAGACGGCCCAACAGATTGCCAAGGACATGGAGCGGTGGGCCCGCAGTC  
 TCAACAAGCAAAAAGAAAACCTTCAAAAACAGTTCACAGCCTATTAGTGCTCTACGAGATGATGAAAGGCG  
 GGAATCAGCCACTGCAGATGCAGGCTATGCCATCCTTGAGAAGAAGGGAGCACTAGCTGAAAGACAGCAC  
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 CACAAGACAATGGTGACCCGCTTCAATGAAGCCAG

**ACCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RR211308 representing NM\_152861  
Red=Cloning site Green=Tags(s)

MEYERRGGRGDRGTGRYGATDRSQDDGGENRSRDHDIRMDYRSPREYGSQEGKHEYDDSSSEEQSAEIRG  
QLQSHGVQAREVRLMRNKSSGQSRGFVFEVSHLQDATRWMEANQHSLNILGQKVMHYSDPKPKINEDW  
LCNKCGVQNFKRREKCFKCGVPKSEAEQKLPGLGTRLDQQALPLGGRELSQGLLPLPQPYQAQGVLTSQL  
SQGSEPSSENANDTIILRNLNPHSTMDSILGALAPYAVLSSSNVRVIKDKQTQLNRGFQAFIQLSTIVEAA  
QLLQILQALHPPLTIDGKTINVEFAKGSKRDMASNEGSRINAASVASTIAAAQWAI SQASQGGESTWAA  
PEEPPVDYSYYQQDEGYSSQGTDSL YAHGYLKNTKPGMTGTKGDTSGAGPETSLEGGTDSVSLQAFSR  
AQPGAAPGLYQQSAEGSSQGTATNSQSYTIMSPAVLKSELQSPHPSSALPPATSPTAPESYSQYPVPD  
VSTYQYDETSGYYYDPQTGLYYDPNSQYYYNAQSQQYL YWDGERRTYIPALEQSADGHKDTGASSKEGKE  
KKEKHKTKAQQIAKDMERWARSLNKQKENFKNSFQPI SALRDDERRESATADAGYAILEKKGALAEQHQ  
TSMDLPKLASDDRPSPRGLVAAYSGESDSEEEQERGGPEREKLTDWQKLAACL CRRQFPSKEALIRHQ  
QLSGLHKQNL EIHRRHLSENELEALEKNDMEQMYRDRAAERREKYGIPEPPEPKRRKYGGISTASVDF  
EQPTRDGLGSDNIGSRMLQAMGWKEGSLGRKKQIVTPIEAQTRVRGSLGARGSSYGVTSTESYKETL  
HKTMTVTRFNEAQ

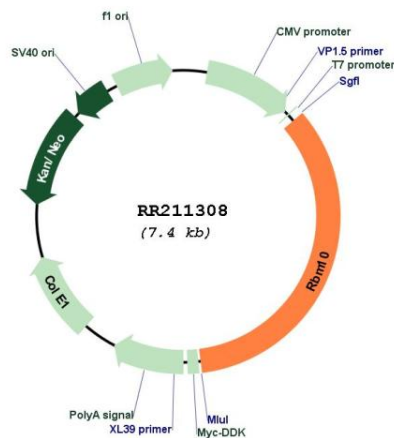
TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/ja3374\\_c02.zip](https://cdn.origene.com/chromatograms/ja3374_c02.zip)

**Restriction Sites:** Sgfl-Mlul



|                               |   |
|-------------------------------|---|
| <b>OTI Annotation:</b>        | This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.  |
| <b>Components:</b>            | 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).  |
| <b>Reconstitution Method:</b> | <ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol> |
| <b>RefSeq:</b>                | <u>NM_152861.4, NP_690600.1</u>   |
| <b>RefSeq Size:</b>           | 3123 bp   |
| <b>RefSeq ORF:</b>            | 2559 bp   |
| <b>Locus ID:</b>              | 64510   |
| <b>UniProt ID:</b>            | <u>P70501</u>   |
| <b>Cytogenetics:</b>          | Xq11  |
| <b>MW:</b>                    | 94.4 kDa  |
| <b>Gene Summary:</b>          | nuclear protein binds to RNA homopolymers with G and U polyribonucleotides [RGD, Feb 2006]  |

**Product images:**


Circular map for RR211308