

Product datasheet for **RN212095**

Rbms1 (NM_001012184) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rbms1 (NM_001012184) Rat Untagged Clone
Tag: Tag Free
Symbol: Rbms1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN212095 representing NM_001012184
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGCAAAGTGTGGAACAACAGATGTACCCCTCAGTACGCCACCTATTACTACCCCGAGTATCTGCAAG
CCAAGCAGTCTCTGGTCCCAGCGCACCCCATGGCCCTCCCAGTCCCAGCACCACCAGCAGTAATAACAA
CAGTAGCAGCAGTAGCAACTCAGGATGGGATCAGCTGAGTAAGACGAACCTCTACATCCGAGGCCTGCC
CCCAACACCACTGATCAAGACCTGGTGAAGCTCTGTCAACCATACGGGAAGATTGTCTCCACGAAGGCGA
TTTTGGATAAGGCAACCAACAAGTGCAAAGTTATGGATTTGTTGACTTTGACAGTCCTGCAGCAGCCCA
GAAAGCTGTCTCCGCCCTGAAGGCGAGTGGAGTCCAGGCTCAGATGGCAAAGCAACAGGAACAAGATCCT
ACCAACCTGTACATTTCTAACCTGCCACTGTCCATGGATGAACAAGAAGTTGAAAATATGCTCAAACCT
TTGGACAAGTTATTTCTACAAGGGTCTGCGTGATTCCAGTGGTACCAGCCGTGGTGTGGCTTTGCCAG
GATGGAATCAACGAAAAATGCGAAGCTGTAATTGGTCATTTAATGGAAAATTCATCAAGACCCACCA
GGAGTTTCTGCTCTACAGAACCTTTACTGTGCAAGTTTGCAGTGGAGGACAGAAGAAGAGACAGAACC
CAAACAAGTACATCCCTAATGGCGGCCATGGCCAGAGAAGGAGAGGCCGGAATGACACTCACTTACGA
CCCGACTACAGCTGCTCTACACAACGGATTTTATCCTTACCATACAGTATTGCCACAAACCGAATGATC
ACTCAAATTTCTTACACCCTATATTGCATCTCTGTATCTGCCTACCAGGTGCAGAGTCTTCTCTGGA
TGCAGCCTCAACCATACATTCTGCAGCATCCTGGTGGCCGTGTTAACTCCCTCCATGGAACACACCATGTC
ACTACAACCTGCTTCTATGATCAGCCCTCTGGCCAGCAGATGAGTCACTGTCACTAGGAGCACCAGGA
ACATACATGCCTGCAACGTCAGCCATGCAAGGAGCCTACTTACCAGTACACACATGCAGACTGCGA
CGGTTCCCGTTGAGGAAGCAAGTGGCCAGCAGCAGGTGACTGTGGAGACGTCTAATGACCATTCTCCATA
TACCTTTCCACCAATAAG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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| | |
|-------------------------------|---|
| ACCN: | NM_001012184 |
| Insert Size: | 1212 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). |
| 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_001012184.1</u> , <u>NP_001012184.1</u> |
| RefSeq Size: | 1979 bp |
| RefSeq ORF: | 1212 bp |
| Locus ID: | 362138 |
| UniProt ID: | <u>Q5PQP1</u> |
| Cytogenetics: | 3q21 |
| Gene Summary: | Single-stranded DNA binding protein that interacts with the region upstream of the MYC gene. Binds specifically to the DNA sequence motif 5'-[AT]CT[AT][AT]T-3'. Probably has a role in DNA replication (By similarity).[UniProtKB/Swiss-Prot Function] |