

## Product datasheet for **SC123664**

### **RBM33 (BC011923) Human Untagged Clone**

#### Product data:

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| <b>Product Type:</b>        | Expression Plasmids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Tag:</b>                 | Tag Free                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Symbol:</b>              | RBM33                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Synonyms:</b>            | DKFZp434D1319; MGC20460; proline rich 8; PRR8; RNA binding motif protein 33                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Mammalian Cell</b>       | None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Selection:</b>           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Vector:</b>              | <u>pCMV6-XL5</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>E. coli Selection:</b>   | Ampicillin (100 ug/mL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Fully Sequenced ORF:</b> | >OriGene sequence for BC011923 edited<br>CCCGGAATCGACCTATGGCCAGCAGTCGTCCCGCCCTGCTTCAAACATTGGGTTTCAG<br>GAGCCGGGCGGAGGTGACTGCCGCGTGTTTGCCTTGACGCCACCGCCGAAACACGGC<br>GGCGGCTCAGGGCTGCTGCGGCTCGGCGGGGCGAGCCCGGCGCCCGCCCTCC<br>GGCTCCATCATCCAGGGTGACCGCGGCGGGCGGGCGCGGCCATGTTGCGGTAG<br>TTTGTTGTTTTCTCCTGCGGAGGCGAAGGGCCAGCTGTGGACCGCAAGCGCCGGCTT<br>CGCCTCTGCCTCCTGCAGCCCTCCCTTCCCTGTCTCCGTACCCGTACCCGGGCCG<br>GACCAGGCACGTGCGCCACCAGCTGGCTTGGTGGGGGAGGCTGAAGGCCGGGCCCCGCG<br>AGTGCCATGGCGGCCCGCTGGGAGCGAGCGGAGGAGCAGGCGCCGAGATGATGACTTT<br>GACCAGTTTGATAAGCCTGGCGCGGAACGGTCGTGGAGAAGAAGAGCTGCTGATGAGGAC<br>TGGGACAGTGAACCTGAAGATGATTTACTTGGAGAAGATTTGCTATCTGGCAAAAAGAAT<br>CAGTCGGATTTGTGAGATGAAGAGCTAAATGATGATCTTTTGCAGAGTGATAATGAAGAT<br>GAAGAAAATTTAGTTCTCAGGGTGTACAATTAGTCTGAATGCTACATCTGGCATGGTT<br>ACATCATTTGAACCTCTGACAACACTAACGACCAATCTGGAGAACAGGAATCTGAGTAT<br>GAACAAGAACAAGGAGAGGATGAACCTGGTTTATCACAATCTGATGGATCAGAATTGTAT<br>ACTCAAGAGTACCCAGAAGAAGGACAGTATGAAGGCCACGAAGCTGAGTTGACAGAAGAC<br>CAAATAGAATATGTGGAAGAGCCAGAGGAGGAGCAGCTTTACACTGATGAAGTGTTAGAC<br>ATCGAGATCAATGAACCTTTAGATGAATTTACAGGAGGTATGGAACATTGGAACCTCAA<br>AAGGACATCAAAGAAGAATCAGATGAAGAAGAAGAAGATGATGAAGAATCTGGACGATTA<br>CGTTTTCAAACCTGAAAGGAAAGAAGGAACAATTATTAGGCTCTCAGATGTAAGTAGAGAG<br>AGAAGGAACATTCCAGAACTTTGGGTAACTTTTTGCCTGTCTCCCATCCTCCTTTACT<br>CTCATTTCAACTTCTCCATAGTATTGCTGTAATTAATCAAAGTAGGCAAGAAGGTTGA<br>CTAGGTAATTGCGGCTGCCGTCCGGAGAGTGGCCGACTTTGGAGTGAGTGCTGTTTATG<br>GTACTGTAACCACTATTCTTTAAATCATTGCTGTTTATGGATTTAAATGCTTGAATAA<br>AATGTTTAAGATAATTAACAAAAAAAAAAAAAAAAAAAAA |



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| <b>5' Read Nucleotide Sequence:</b> | <p>&gt;OriGene 5' read for BC011923 unedited</p> <pre> ACGTCACATTTGTATACGACTCATATAGGGCGGCCGGAATTTCGACAGAGGCCCGGAAT CGACCTATGGCCAGCAGTCGTCCCCGCCCTGCTTCAAACATTTGGGTTTCAGGAGCCGGG CGGAGGTGACTGCCGCGTGTTCGCTTGACGCCCCACGCCCGAAACACGGCGCGGCCT CAGGGCTGCTGCGGCCTCGGCGGGGCGAGCCCCGGCGCCCCGCCCTCCCGCCTCCA TCATCCAGGGTGACCGCGGCGGGCGGGCGCGGCCATGTTGCGGTAGTTTGTGT TTTCTTCTCGGAGGCGAAGGGCCAGCTGTGGACCGCAAGCGCCGGCTTCGCCTCTG CCTCTGACAGCCCCCTCCCTTCCCTGCTCCTCCGTACCCGCGGCCCGGACAGGC ACGTGCGGCCACCAAGCTGGCTTGGTGGGGGAGGCTGAAGGCCGGGCCCCGCGAGTGCCAT GGCGGCCCGCCTGGGAGCGAGCGGAGGAGCAGGCGCCGAGATGATGACTTTGACCAAGT TGATAAGCCTGGCGCGGAACGGTCGTGGAGAAGAAGAGCTGCTGATGAGGACTGGACAG TGAAGTTGAAGATGATTTACTTGGAGAAGATTTGCTATCTGGCANANAGAATCAGTCGGA TTTGTCAGATGAAGAGCTAAATGATGATCTTTGTCAGAGTGANTATGAAGATGAAGAANA TTCAGTTCTCAGGGTGTANCATTAGNTCTGATGCTACATCTGGCATGGTTACATCATTT GAACTCTGACACACTAACGACCAATCTGGAGAACAGGNATCTGAGTATGAACCAGACC AGGGAGAGGATGAAGTGGNTTATCAGAAATCTGATGGGATCAGATTGTATACTCCAGA </pre> |
| <b>Restriction Sites:</b>           | Please inquire                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>ACCN:</b>                        | BC011923                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Insert Size:</b>                 | 1427 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>OTI Disclaimer:</b>              | 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).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <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>Note:</b>                        | Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>RefSeq:</b>                      | <u><a href="#">BC011923.2</a></u> , <u><a href="#">AAH11923.1</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>RefSeq Size:</b>                 | 1418 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Locus ID:</b>                    | 155435                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Cytogenetics:</b>                | 7q36.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |