

## Product datasheet for MC229338

### Rgs11 (NM\_001243223) Mouse Untagged Clone

#### Product data:

|                           |                                                                                    |
|---------------------------|------------------------------------------------------------------------------------|
| Product Type:             | Expression Plasmids                                                                |
| Product Name:             | Rgs11 (NM_001243223) Mouse Untagged Clone                                          |
| Tag:                      | Tag Free                                                                           |
| Symbol:                   | Rgs11                                                                              |
| Synonyms:                 | 4930415K13Rik; Gm202; Rgs12                                                        |
| Mammalian Cell Selection: | Neomycin                                                                           |
| Vector:                   | pCMV6-Entry (PS100001)                                                             |
| E. coli Selection:        | Kanamycin (25 ug/mL)                                                               |
| Fully Sequenced ORF:      | >MC229338 representing NM_001243223<br>Red=Cloning site Blue=ORF Orange=Stop codon |

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCCGCATCGCC

ATGAGTAACGCGGACATCATCTGTTCTACAAACCTTATCATTCTTTGGAGGATGAAACATTTGCTGATT  
 TTTTCAACACATTTCTTCTCTCCCGTTTGGTCAAACACCATTTATAATGTTGAGAAATCACAAATG  
 GAGCTTGTGGCCAGAAGTACCTTATGACTTGATGCAAGTACAAAGGATTATTGACTTGGTTGGAAAAA  
 TACCGTTACCGTTCTTCTGCAAAACAACTTGTGCTTCTACTACATCCTCAGCCAGGAGCTCGTCAGTT  
 TCCTTAAGTCCCGGAAGGAGGTGAAGAATTGCTGGATTCTGGATCCTTCTGCTGAGAAGATTCTGAGCAT  
 AGATGAGACAGACAAGTATTTGAAAGACTACTACCTCTCCCTCCTGCTCGTCAAGGCCACCCACCTG  
 CAGGAAGGCTCCAGAGTGGTGAATCTCTGCAACATGGACATCAAGTCCCTCTTGAACCTCTCCATCTGGC  
 ATCCCAACCAAGTCTACCACCAGAAGGGAGATCCTCAGCCACATGCAGAAAGTGGCTTTGTTCAAAATCCA  
 GAGCTACTGGCTTCCCACTTTTACACCCATGCCAAGATGACAATGGCCAACGAGGAAGCATGCCATGGT  
 CTGATGCAGGAATATGAGACTCGCTGTACAGTGTGCTGTGCACATGCAGGAGGGCTCCCTCTAAATA  
 TGAGCATCAAGAAATCCCGCCACTCCAAAAGAAGTACTCAAGCAAGAAGGCCAAGAAAAAGATATGGCA  
 TTTGAATAATCCTATCTTATGGCCTCTGGAAACAGACGCTAAACCAGAAGTCCCACTAAGCCCCAAGAA  
 GAACTGAGTCTTCCAGAAAGGTAGTTTTACAAAGACTTCCCTGGGAGAAGATTCTTCAAGGAGACAA  
 TAATCCATTCCCTGTGCAAGGACTTGCAGAACGCCAAGAAACCCATTGTGAAGAAGAAATCCAAAATCCA  
 ACTCCACATGGAGGGCTTCTTGGAGACAGCGTTCACTAATCACCTGAGATCTTCCACTCCCATTTAATAC  
 CATGCTGCCCCGCTGGTTGTCAAGAAGTCTCTAAGCGAAGCCTCTCCTTTGGGTACACTCATTGGGCC  
 TGTGTGCTGATGCCTGTGCAGGGAGTCCCTCCGGTTTACCTGAAGAAGATGAATCTGAAGGTGGAGGT  
 CCAACTCTGGACCTTTGGCAGGACCTACAGCATTTTCATCAGTGTCTCATGAATAATAGACAGAATGGG  
 AATGCACTCTTTCGTACATGCTTGGTAATCGAATCTGTGAGCTTACCTGAACGAACAGATCGGGCCAC  
 CCTTACCACTCAAACCTCAGACCCTTCAAGGCCTGAAGAAGCTTCTGCCATCTGGGGAGGTGAACCCCTG  
 GATTCCAAAGCCAGAGGGAGATCTGCAAGGTGCTCAGCCCCTGGTATGATGAATCTGATGGAAGAG


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GACTACTGGTTTCTCATTTTCACAACTCAAACGCGCTTTGCCAAAGCCAGGTGGCATAAAAGAGAAACCA  
 TCAGCAAAGAAGAACACATCCTCCTTTACAAAAGACTTCAGGAATCTCTGGTGCTAAGCCAGGCCTTGGC  
 TAGCATGCAAGAAATAGATTCTATGCAGTGCGAAAAAGTGGCTACAGAGAACCTGCGGCAGGGCGGGTCT  
 CTCCAAGTAGAGCTGACTACTCCAGTGTTCTACAAGATATAAGTAAAATGTCCTTTAAGGATCTCTCCT  
 TTAAGAATCCAAAGTTGGCCATAGAAAAATGAGTGAAGACTACAAAATATACTGTGAAAAGGTACCTCC  
 AACAGCTTTTACAGTGGAATTATCAGGCAACCAAAATATTCATACTCACAAAGAAAAACATCCTTTGTC  
 AAAAAATCTGTGTAAGGAAGCCTTCTATGAGACCAAGGAACCTAACAGAAGTCCTCCTAAATAATGCAC  
 ACCTCGAGTACTTCAAAGAGTTCTCAAAGACCGGAAGTCTGAAAGCCCGTTGCAGTTCTTGATAGCCGT  
 ACAGAAGATCATGATGGAGACCAATGAAAAGACTTATAAGACATCTTTGAAAAATATAACCAAGACTTAT  
 CTCCACGGAAAGGTCCCTGCCGAGGAAATACTGCAGTGTGATGCTCCCTTTATCAAAGAAATTGCTAATG  
 TGCGTCACATCACCACCACACGTTGCTGATGCTCCAGGGTTATGTCATGAAATCTGTGGAAGAAAAATG  
 GTTTAAGGAATACCAAGACTTGTTCACCACGATCTGTGGAGTTTGAGTTTGTGAAGCACAGGCCGTC  
 CCTAGGAAGCCCTCAAAGTCAACAACACACCTACACGACTCCAGAAAAGGGGATGGATAAAAAATGATCG  
 CCTTCATCAAGAGTTTTTGCAACTACCGCAGATTCATAGCTGATGCCAACAATCGCCAAGAGCTGGCAGA  
 TTTTCATCTACCTGAAATGTTCAACAACAAAGAGAATTTCTCTACATCACCCGCCACATCTGCACGTCAT  
 ACCCCAGTAAACCTTAGTGCCCGGAACGCAGAACAGGAAAATGGAGACACGGTCTTGTAAAACGCCGGA  
 TATTTGGCCACAGAATTATCACGATCAACTTTGCCGTTAACGATATGTATTTATTTTCTGAAATGGAGAG  
 ATTTAATGACCTGGTGAGTTTCTGAGTGTACAGTCAACAGAGCATACAATGAAAAATGACATCATC  
 CTGATGCGGTCTAACTTAACATTATCGTGAAGCTTTACCTGGTTTCTGATCTTCTCCTCAAAGCTGAAGG  
 TGAACATCTCCGAGTCTCAGAAGGACATCATCTCTGCCATCACAGAAGGCCACTTAGACCGGACCAT  
 CTTCCATGGGGCTATCATGTCCATCTTCCCTGTCTATTGTACTTCTGGAAAAGGTTTGTAACTGGAAG  
 GCGACACGCTCTTACGTAGAGTACCTTGGGAAGAAGTTGAAGATGGAAGAAATCCTCCCAAGTCTGTAT  
 ACAAGTACCCACCATGGAGTGGAGGTGAGCATACTGTCTTAAGGTTGAGTTGCTCAGAGGTGTCGAATG  
 GTTTCGACCTCAACACCCCGGGATGCAGTGCCAAGTCACTCCAACCATACCAAAAATATCCTACAACA  
 AAAAAAGAGAAGTAATCAAGCCAAGGCCAAGGCAGATATGGATGGCCCTTTAACTCTCCAGTACT  
 GA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

|                           |                                                                                                                                                                                                                                                                                                                                                |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Restriction Sites:</b> | Sgfl-MluI                                                                                                                                                                                                                                                                                                                                      |
| <b>ACCN:</b>              | NM_001243223                                                                                                                                                                                                                                                                                                                                   |
| <b>Insert Size:</b>       | 3222 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>OTI Annotation:</b>    | Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.                                                                                                                                                                                                                                                   |
| <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).                                                                                                                                                           |

**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.

**Note:** Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

**RefSeq:** NM\_001243223.1, NP\_001230152.1

**RefSeq Size:** 3640 bp

**RefSeq ORF:** 3222 bp

**Locus ID:** 240816

**Cytogenetics:** 1 G3