

## Product datasheet for MC211160

### Rsph14 (NM\_001163533) Mouse Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Rsph14 (NM\_001163533) Mouse Untagged Clone  
 Tag: Tag Free  
 Symbol: Rsph14  
 Synonyms: 4933431K05Rik; Rtdr1  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 Cell Selection: Neomycin  
 Fully Sequenced ORF: >MC211160 representing NM\_001163533  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGGCCAAGCGCTCTGGCTGGCAGACACCAGGAGACTTCACGCACTGAGCAGTTTCTACAGAGTTTCAT  
 TTTCAAAGCCCTTTGGCAGGTGTAAAAGATGGCTCATGCCCGCATCTCCATGTATATGCCTCCTGACAT  
 CGACCCACAAAAGCCGCCATTGCTTATGGCTGCCGGCCTTGAGCAAGCTTAATGAGGAGCTACAGTCA  
 AGGGATCTCCTGACAAGGCAGAAAGCCCTAGTGGCTCTGTGTGACCTCATGCACGATCCTGAGTATGTCT  
 ACGAGGCCATCAACATAGGCTGCCTGGAGAGCCTGAAGACCCTGCTGCAGGATGATGATAACCTGGTACG  
 GATAAAGACCACGGAGTTCTATACATCATGGCCACCCATTACGTAGGCAGAGTTGGCTTCTAAAGCAT  
 GACATCATCCAAGCCCTGTCACTCCTGTGAGTGATCACCAGACCCTCTGCCGGGAGAATCTACACCAGG  
 CATACAAGCATCTGGCACAGTTGCCTAAAGGGGCCAGGGTATCGTCCAGAGTGGCCTGATCCCCTCGCT  
 GGTACGGAAGCTGCAGAAGGAGGAGGACCATATCAGGAGATCATCTGGACACTCTGGCGCTGTGCCT  
 CAGGAGGACGCCACCGAGGCCCTAGAGAGCCAAGCCGTGCCCTGTTTAAAGGAGAAGCTCCTTAGCCAAA  
 ACTCTGAAAATCCGCAGCAAAGCCGCCGGCGCTCATTGCCATCAGCATCCCGTTGGATGGCAAGAATCA  
 GGTGTGGAAGAATAAAGTCAATCCCATCCTGGTACTCTGTTGTGACACCGGATGAGGAGGTGAAGGCC  
 AATGCCGCGGGGCTCTGATGCACGCCACAGTGACCCTGAAGGAAAATATGCAGCTCTGGATGCCAATG  
 CTATCGAACCCTCCTGGAGTTGCTTTCCACCAACCCCAAGACCAAGCTGTGTCTGAATGCCACAAAAGC  
 CCTCACCATGCTGGCCGAAGCCCGGAGGGCCGTAAGTTATTGCTGTCCCATGTTCCCATCTTCCGTTAC  
 CTCCTTGGCATAAAAACGAGGCCATACAGCGAGCAGCAGAAGTAGCCATCAAAGTGATTGAGTGGGAAGC  
 CATGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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|                               |   |
|-------------------------------|---|
| <b>ACCN:</b>                  | NM_001163533  |
| <b>Insert Size:</b>           | 1125 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>RefSeq:</b>                | <u>NM_001163533.1, NP_001157005.1</u>   |
| <b>RefSeq Size:</b>           | 1203 bp   |
| <b>RefSeq ORF:</b>            | 1125 bp   |
| <b>Locus ID:</b>              | 71236   |
| <b>UniProt ID:</b>            | <u>Q9D3W1</u>   |
| <b>Cytogenetics:</b>          | 10  |