

## Product datasheet for **MC202973**

### **Rsph9 (NM\_029338) Mouse Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Rsph9 (NM\_029338) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Rsph9  
**Synonyms:** 1700027N10Rik  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC019423 sequence for NM\_029338  
 GCTTGGAGGAGAACGGCTGGCCTGATGGACGCCGACAGCCTCTTGTGTCTCTGGAGTTGGCGTCTGGCA  
 GTGGGCAGGGACTCAGCCCTGACCGTCGGGCCTCACTGCTCACGTCCTTATGCTGGTGAAGCGGATTA  
 CCGCTTCGCGAGGGTCCTTTTCTGGGGCCGCATCCTTGGCCTTGTGGCGATTACTACATCGCACAGGGC  
 TTGAGTGAGGACCAGCTCGCACCACGCAAGACGCTCTACAGCCTGAACTGCACAGAGTGGAGTCTCTTGC  
 CCCCTGCCACAGAGGAGATGGCCATGCAGATATCTGTGGTGTGAGTGGCCGTTTCATGGGCGACCCCTCACA  
 CGAGTATGAACACACAGAGTTGCAGAAGGTTAACGAAGGAGAGAAGGCTTTTGATGAAGAAGTGGTGGTC  
 CAGATCAAGGAAGAGACTCGCTTGGTGTCCATCATTGACCAGATTGACAAGGCTGTAGCTATCATCCCTC  
 GAGGTGCCCTCTTCAAGACCCCTTTTGGAGTCACCCATGTCAATCGGACCTTTGAAGGCCTGCCCTGTC  
 CGAGGTCAGGAAGCTTAGCTCGTACTTCCACTTCAGGGAGGCTATTGATCTGAAGAACAAGACCTTGCTG  
 GAGAAGTCGGACTTGGAGCCCTCGCTGGATTTCTGGACTCCCTGGAATATGACATCCCCAGAGGGTCTT  
 GGAGCATCCAGATGGAAAGGGGCAACGCACTGGTGGTGTGCGCAGCCTGCTCTGGCCAGGCCTCACCTT  
 CTACCACGCTCCTCGCACCAAGAACTATGGCTACATCTACGTAGGCACAGGAGAGAAGAATGGACTTG  
 CCCTTCATGCTGTAGGAAGGCAGGCTGGATATTTATGTGGGGTCGAAACACTCTTTCATAAAGTTCAACT  
 GTTGGGCCTTTTAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_029338

**Insert Size:** 831 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).



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<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>	<a href="#">BC019423</a> , <a href="#">AAH19423</a>
<b>RefSeq Size:</b>	956 bp
<b>RefSeq ORF:</b>	831 bp
<b>Locus ID:</b>	75564
<b>UniProt ID:</b>	<a href="#">Q9D9V4</a>
<b>Cytogenetics:</b>	17 C
<b>Gene Summary:</b>	Probable component of the axonemal radial spoke head (By similarity). Radial spokes are regularly spaced along cilia, sperm and flagella axonemes. They consist of a thin stalk, which is attached to a subfiber of the outer doublet microtubule, and a bulbous head, which is attached to the stalk and appears to interact with the projections from the central pair of microtubules.[UniProtKB/Swiss-Prot Function]