

## Product datasheet for MC211926

### Rhoj (NM\_023275) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Rhoj (NM\_023275) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Rhoj  
**Synonyms:** 1110005O19Rik; Arhj; AW210585; TC10L; TCL  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC211926 representing NM\_023275  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGAGCTGCAGAGAGAGGACCGACAGCAGCTGCGGCTGCAATGGACATGAGGAGAACAGGATCCTGAAGT  
GCGTGGTGGTCGGGGACGGCGGGTGGGAAGACCTGCTTGCTGATGAGCTACGCCAACGACGCCTTCCC  
AGAGGAATACGTGCCACTGTGTTTGACCACTACGCAGTTACCGTGACGGTGGGAGGCAAGCAGCACTTG  
CTTGACTATACGACACTGCAGGACAGGAGGATTACAACCAGCTGCGGCCACTCTTACCCCAACACAG  
ATGTGTTTCTCATCTGCTTCTCTGTCGTAACCCAGCCTCTTACCACAACGTTTCAGGAGGAGTGGGTCCC  
GGAAGTGAAGGACTGCATGCCTCATGTGCCTTATGTGCTCATCGGAACCCAGATTGATCTCCGAGATGAC  
CCCAAAACCTTGGCGCGTCTGCTGTACATGAAGGAGAAGCCCCTCACCTATGAGCACGGCGTGAAGCTGG  
CGAAAGCGATTGGAGCGCAGTGTACTTGGAAATGTTCTGCCCTGACCCAGAAGGGTCTCAAAGCAGTTTT  
TGATGAAGCCATCCTCACCATTTCCACCCCAAGAAAAAAGAAAGGCTGCTTAGGGTGTACGGCTGC  
TGTGCAATTAT**CTGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_023275  
**Insert Size:** 645 bp



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<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><a href="#">NM_023275.2</a></u> , <u><a href="#">NP_075764.1</a></u>
<b>RefSeq Size:</b>	2358 bp
<b>RefSeq ORF:</b>	645 bp
<b>Locus ID:</b>	80837
<b>UniProt ID:</b>	<u><a href="#">Q9ER71</a></u>
<b>Cytogenetics:</b>	12 C3
<b>Gene Summary:</b>	Plasma membrane-associated small GTPase specifically involved in angiogenesis (By similarity). Required for endothelial cell migration during vascular development via its interaction with GLUL (By similarity). Elicits the formation of F-actin-rich structures, thereby regulating endothelial cell migration (PubMed:10967094).[UniProtKB/Swiss-Prot Function]