

## Product datasheet for **MC224397**

### Robo3 (NM\_001164767) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Robo3 (NM\_001164767) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Robo3  
**Synonyms:** Rbig1; Rig-1; Rig1; Robo3a; Robo3b  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC224397 representing NM\_001164767  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGCTGCGCTACCTGCTTAAACACTACTACAGATGAACTTGTTCGCGGACTCCCTGGCCAGGGACATCT  
 CCAACTCCAGCGAGCTACTCTTCGGCTTCAACTCCTCGCTGCGAGCGCTCAACCCTAGTCTGCTTCTCTCC  
 TGGAGATCCCTCTCTCAATGGGTCAAGAGTTGGGCCAGAAGATGCCATGCCACGCATCGTGGAGCAGCCG  
 CCAGATCTGGTGGTTTCCAGGGGCGAGCCGGCTACTCTGCCCTGTCGTGCAAGAAGCCGGCTCGACCCA  
 ACATCGAGTGGTACAAGAATGGGGCGCGTGTGGCGACTGCACGGGAGGATCCGCGTGCTCACCGTCTGCT  
 GCTGCCAGCGCGCCCTCTTCTTTCCCGCATTGTGCACGGGCGTCTGCTCTCGGCTGACGAGGGTGTCT  
 TACACCTGTGTGGCTCGCAACTACCTGGGAGCAGCGGCTAGCAGAAACGCCTCTCTGGAAGTAGCTGTCC  
 TCCGTGATGATTTCCGGCAATCGCTGGGAACGTGGTGGTAGCGGTGGGGAGCCAGCTGTAATGGAATG  
 TGTGCCCCCTAAGGGTCACCCAGAGCCTTTGGTGACCTGGAAGAAAGGCAAAATAAAGCTTAAGGAAGAG  
 GAGGGAAGGATCACCATACGTGGAGGAAAGCTGATGATGTCACACACGTTCAAGAGTGATGCTGGCATGT  
 ATATGTGCGTAGCCTCAACATGGCTGGAGAACGAGAGAGTGGGGCAGCTGAACCTGTGGTACTGGAGCG  
 TCCCTCATTTCTGCGTAGACCAATAAACAGGTTGTCCTGGCTGATGCCCTGTGAATTTCTGTGTGAG  
 GTGCAGGGAGATCCCGAGCCCAATCTACTGCGCAAGGATGATGGGGAGCTGCCCGCGGGCAGGTATG  
 AGATTCGGAGTGACCACAGCCTTTGGATCGACCAAGTGTGCTCTGAAGACGAGGGGACGTACACGTGTGT  
 AGCAGAGAACAGTGTGGCCCGCAGAGGCATCTGGCTCCCTCAGTGTTACGTCCCACCACAATTTGTG  
 ACTAAGCCCCAGAACAGACAGTAGCTCCCGAGCAAACGTGTCATTCCAATGTGAGACCAAGGAAACC  
 CTCCACCTGCCATCTTCTGGCAGAAGGAAGGGAGTCAAGTCTGCTTTTCCCTAGTCAGTCACTCCAACC  
 CATGGGACGCCTTAGTCTCTCAAGAGGCCAGCTCAACATCACTGAAGTAAAGATCGGGGATGGTGGC  
 TACTACGTGTGCCAGGCTGTCAGTGTGGCTGGTAGCATCTAGCAAAGGCCCTATTAGAGATAAAAGGCG  
 CCTCCATAGATGGGCTACCTCCCATCTTCTCCAGGGACCAAGTCAAGTAAAGATCGGGGATGGTGGC  
 TGTGTGGCTGCCATGCAGAGTGATTGGAACCCCCAGCCCAACATCCAGTGAAGAGGATGAGAGGTGG  
 CTGCAGGGGGATGACTCACAGTTCAACTTAATGGACAATGGCACTCTACACATTGCCAGCATACAGGAGA



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TGGACATGGGTTTCTACAGCTGTGTGGCCAAGAGTTCCATAGGGGAGGCCACATGGAATAGCTGGCTTAG  
 GAAGCAAGAAGATTGGGGAGCATCACCAGGTCCAGCAACAGGACCCAGTAATCCTCCAGGGCCTCCCTCT  
 CAGCCAATAGTACAGAGGTAACCGCAAACAGCATTACCTTGACCTGGAAGCCCAATCCACAGTCTGGGG  
 CCACAGCTACCTCCTATGTGATAGAGGCCCTTACGCAAGCAGCTGGCAACACGTGGCGGACGGTGGCCGA  
 TGGGGTGCAGCTGGAACTTACACCATCAGTGGCTGCAGCCAAACCCATCTACTTATTCCTAGTGAGA  
 GCAGTTGGAGCCTGGGGCCTCAGTGAACCCAGTCTGTCTCTGAGCCTGTTCAAACCCAGGACAGCAGCC  
 TATCTAGGCCAGCGGAGACCCGTGAAAGGCCAGCGAGGGCTAGCGGAAGTGGCCGTGCCAATGCAGAA  
 GCCCACTGTCTTGGGCCCAGAACTCTGCAGGTTTCTGGACTGTGGATGGTCCAGTCCAGCTGGTGCAA  
 GGATTCGGTGTGCTTGGAGGATTGCAGGCCTTGACCAGGGAAGCTGGACAATGTAGACCTACAGAGTC  
 CACACAAGCAAAGTACTGTGCTAAGAGGACTGCCCCAGGGGCCAAATCCAGATCAAGGTGCAAGTCCA  
 AGGCCAGGAGGGCTGGGGGCTGAAAGCCCTTTGTGACCAGGAGCATTCTGAGGAGGCCCCAGTGGC  
 CCCCTCAGGGAGTGGCTGTGGCCTTGGGGGTGATCGCAACAGCAGTGTCACTGTATCCTGGGAGCCTC  
 CACTTCCCTCCCAGCGAAATGGGTTCATCACTGAATACCAGATTTGGTGCCTGGTAATGAAAGCCGATT  
 CCACCTCAATCGATCTGCAGCAGGTTGGGCACGCTCTGTGACGTTACGCGGACTGCTACCAGGCCAGATC  
 TATCGAGCCTTGGTGGCAGCAGCTACCAGTGTGGCGTGGCGTGGCCAGTGTCCAGTGTAGTGCAGC  
 TGCCATTCCTCCGGCGCGGAGCCGGGCCTGAGGTCAGCGAGGGGCTGGCAGAACGGTTGGCTAAGGT  
 GCTGCGGAAGCCTGCTTTCCTAGCTGGCAGCAGCGCAGCCTGCGGGGCGCTGCTACTCGGGTTCTGCGCC  
 GCCCTCTACCGCGCTCAGAAGCAGCGCAAAGAAGTCACTCACTATACGGCCTCCTTTCCTACACACCTG  
 CAGTGTCTTCCACACTCAGAGGGCCTTCTGGATCCAGTTCAGGCCACCCATGGGCCTTGGCCCTGC  
 TGCTACCCATGGCTGGCAGACTCCTGGCCCCACCCACCTCGGAGTCCCTCAGCTCAGGAGCCCCGGGG  
 AGCTGTGCCCGCAATCCTGATCCAGATGATAGATACTACAATGAGGCAGGAATCTCCCTGTACTTGG  
 CTCAGACTGCAGTGGTCTAATGCCTCTGGTGGGGTCTGTCTACAGCACCATTGACCCAGTAGGGGA  
 AGAGCTACAGACCTTCCACGGAGGTTCCCTCAACTCTTCTGGGGACCAAGCACCTGGAGCCAGTAT  
 GCTCCCCCGAATGGAGCGAGGGGGACAGTGGAGCCAGGGGAGGCCAGGGGAAGCTTCTGGCAAGCCTG  
 TACAAATGCCATCTTTGAGCTGGCCAGAAGCCCTGCCACCGCCTCCCCCTTCTGTGAGCTGAGCTGTC  
 GGAGGGCCTGAGGAGGAGCTGAAGGGCAGTTCAGATCTGGAAGAGTGGTGGCCACCAGTGCCTGAGAAA  
 AGCCACTTGGTTGGTCAAGCTCCAGTGGTGCATGGTGGCTCCAGCCCCAAGGGACACACCCTCCC  
 CCATTCTTTTATGGACAGCAGTCCACAGCTACTTTACCCCTCACCTCCTGATCCTCCCAACCCCC  
 TACTGACATCCCACATCTCCATCAGATGCCAGGAGAGTACCCCTCGGGCAAGTTCTCCTCTCAGCGTA  
 TCCAGCCGCTCTGAGTAGCCATGACGGACGGCCTGTTGGCCTGGTGTGGCCCCGACTCTCCTATC  
 ACGCTAGCCCCAGTCTGTCCCTAGTACAGCCAGCAGTGCACCGGGGAGAACCCGTAGGTAAGTGGAGA  
 GATGACTCCCCACTCCATGGACACCGTCTCGAATCCGGAAGAAACCAAGGCTTCCCTACAGAAGG  
 GAGCACAGTCCCAGGACTTGGCCCCACCACCTTGGCCACCAGAGGAAGAGACAAGCTGGCCCTTGG  
 GTCTGCGGGCAGCAGGCAGCATGTCTTCCCTAGAGCGAGAGCGCAGTGGGGAGAGGAGAGTGGTGCAGGC  
 AGTGCCTCTAGGGGCCAACCTCTAGGGGCCAACGTGGGCCCCACCCAGATGCTGCACTTCTGGTTGT  
 GCTGCGGAAGAGGCTGGCTTCCATACGGCAGACCAAGCTTCTGAGCCATGGCCAGGGCACCAGCACCT  
 GCTCTACCGCTGGTAGCAATTCTTCTAGGGTTCCAACAGCTCTCGAGGTTCTCGGGGCTCTCGGGGCC  
 TGGACGCGAAGTCAAGCCGAGCCAGAGCCAGAGCCAGAGGCCAGGACGGAATCGCCGAGAGGAA  
 CCAAGATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:**

Sgfl-Mlul

**ACCN:**

NM\_001164767

**Insert Size:**

4209 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).

<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_001164767.1, NP_001158239.1</u>
<b>RefSeq Size:</b>	4726 bp
<b>RefSeq ORF:</b>	4209 bp
<b>Locus ID:</b>	19649
<b>Cytogenetics:</b>	9 A4