

## Product datasheet for **MC222706**

### **Gtf2ird2 (NM\_053266) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Gtf2ird2 (NM_053266) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gtf2ird2
Synonyms:	1700012P16Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC222706 representing NM\_053266  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCCAAAGTAGCAGTACTACTCAGCCACTGATGAGCCCTCAGACGGCAGGATGGTGGTGACGTTC  
 TCATGTCTGCCCTGGAGTCCATGTGTAAGAGCTGGCCAAGTCCAAGGCCGAGGTGGCCTGCATCGCTGT  
 GTATGAGACAGACGTGTACGTGGTGGGGACGGAGCGGGCTGTGCCTTTGTCAACGCCAGACAGGATCTC  
 CAGAAAGACTTTGCACAGCACTGCCAGGGGAAGGGCTGCCTGAAGAGAAGCCACTGTGTCTGGAAATG  
 GGGAGGCTGTCTGGAGAAGCCAGCTGCTCAGGAGAGCCGTGCAGGACCATTCTGCCTCTGTTACCG  
 TAAAGCCTTGGGACAACAGCCATGGTCCCTGTTCCCTACGAGCAGATGCTACAGGATGAGGCAGCTGTG  
 GTGGTTCGGGGCCTTCCGGAAGGCTGGCCTCCAGCACCCAGACAATTACAGCCTTGCCACCCTGAAGT  
 GGATCCTGGAGAACAAGCAGGGATCTCCTTCGCTGTAAGAGGCCCTTCTAGGTGCAGAGAGCCAGCT  
 GGGTGGCCTTGGGATGGTACAGATGCTGGGAGCCGACAGTACCACAAATGACAGCTATGGCCCTGTC  
 AGTGTGAAAACCTGAACCCATGGAAGATTCTGGCACTTCACCAAGGGCAGCAGCCATGCTAATCAAGACGG  
 AGTCGGAAGATCCTAATTACAACGTGTGTAACTGCAAGGAAGCCAGCATTTTTCCGCCAGCAGTACGT  
 CACTGGAATGGAGCTACCATCTGAAGAGTCTACTCGGATGGTTCGCTTTAGAGACCAATGAGGACCCCGAG  
 ACTGAGGTAAAAATGGAAGGAAATGCAAGTCCATCCAACCTTGTAACTCTGCAGCAGGTGTTGAAGACC  
 TTAGGATCATACAGGTGACAGTCGCAGATAATGAGAAGGAGAGGCTCTCAGGCCTCGAAAAATTAAGCA  
 ACTCGGAGAACAAGTAAACGACCTTTCAGCCGAAGTTGGGGAGGCGATCGGAGTGGACTTCCCGTGA  
 AAGTTCCTACAGGAAAATCACCTTCAACCCTGGCTGTGTGGTATTGATGGCATGCCTCCGGGGGTGG  
 GTTCAAAGCCCCGGGTATCTGGAGATCAGTCCATGAGGAGGATCCTGGATGCTGCAGACTTCATCAA  
 GTTCACGGTCATTAGACCACTTCCCTGGACTTGAACCTCAGTAATGTGGGGAACGGAAGATAGACCCAGGAG  
 GGCCGCGTGTTCAGAAAAGTGGGAGCGAGCCTATTTCTTCGTGGAGGTGCAGAACATCCCCACGTGTT  
 TGATCTGCAAGCAGAGCGTGTGGTGTCCAAGGAGTACAACCTGCGCCGCACTACCAGACCAACCACAG  
 CCGGCACTATGACCAGTACTCGGTCAGGCCCGGGAAGAGAAGCTTAGAGAGCTGAAAAGGGGACTGCGG  
 AAGTATCTCTGGGGCCTCGGAGATCGTGTGTCCAGAGCAACCATTCCCAATGCAAGTCCCCCAGCA  
 ACTCCGCGGTGCAGCCGGCGGAAGAGGTGGCCGGGAGCTTATGGGAGAAGTTAAGACAGAAAATCCGCTC  
 CTTTGTGGCGTACTCCATCGCCATCGATGAGATTACGGATATCAATGACACCACCAGCTGGCCATCTTC  
 ATCCGCGCGTGCAGCACAACCTCGACGTGTCGAGGAACTTTTGGACACTGTGCCATGACAGGCGCCA  
 AATCCGGGAATGAGATATTCCTGCGCGTTGAGAAGAGTCTCAAGAAGTTCAGTATCGATTGGTCCAAGCT  
 GGTGAGCGTGGCCTCCACGGGCACGCGGCCATGATGGATGCCAACAGCGGGCTGGTGACAAAGCTCAGA  
 GCCAGGGCAGCCTCATGTTGCAAGGGAGCCGACCTCAAATCCGTGCGCTGTATCATTACCCAGAGTGGC  
 TGTGCGCCAGAAGTTAAGAATGGGCCACGTGATGGAGTGGTGGTAGACTCGGTGAACTGGATCTGCTC  
 CCGTGGCTGAACCACGGCGACTTACGACACTGCTCTACGAGCTGGACAGTCAATGAGCAGCCTACTG  
 TACCACACGGCCCTCAAATGGCTGGGCCGAGGGCTGGTCTCAGGAGTCTTCGAATCCTTGGAGGAAA  
 TAGACTCGTTTTATGTCTCCCGGGCAAACCTGTGCCAGCTCAGTTCTCGGGACTGGATCCTGGACCT  
 GGCCTTCTAGTGGACATGACGACGCACCTCAATACACTGGATGCCTCCCTCAAAGGCCATTACAGATC  
 GTGACCCAGATGTATGACTTTCATCCGGGCTTCTAGCGAAACTGTGCCTCTGGGAGACGATCTGGCCA  
 GGAACAACCTGGCCACTTCCCCAGCTGAAATCGGTTTTCCGGAGTGAAAGCGACGGGCTCAACTACAT  
 CCCTAAGATCGTGGAGCTGAAGGCCGAGTTCAGAGGCGCCTGTGCGATTTCAAGTCTGTGAGAGCGAG  
 CTCACCCTGTTACAGTCCCCGTTTTCCACCAGATCGACAGCGTGCAGGAGGAGTCCAGATGGAGGTGA  
 TCGACCTGCAGTGAACACGGTGTGAGGACCAAGTACGACAAGGTGGGCGTCCCGGACTTCTACAAGCA  
 CCTGTGGAGCAGTTACCCAAAATACAGGAGCCACTGTGCCAGGATGCTGTCCATGTTACAGCAGCCAC  
 ATCTGCGAGCAGCTTCTCCATCCTGAAGCTGAGCAAGAAAGAGGCGCAGTGGGGCGCAGCACTCCAGG  
 TGCCACGTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

ACCN:	NM_053266
Insert Size:	2811 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).
Components:	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:	<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>
RefSeq:	<a href="#">NM_053266.1</a> , <a href="#">NP_444496.1</a>
RefSeq Size:	3468 bp
RefSeq ORF:	2811 bp
Locus ID:	114674
UniProt ID:	<a href="#">Q99NI3</a>
Cytogenetics:	5 G2