

## Product datasheet for **MC203346**

### **Kirrel2 (NM\_172898) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Kirrel2 (NM_172898) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Kirrel2
Synonyms:	C330019F22Rik; NEPH3; NLG1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC052773  
 GGTCCGGAATCCCGGATGAGAGGGGCTCCAGTCCAGCGTGGTGTGAGAGGCGTGCTATCAAGAAAGAA  
 GTTGGAGGGGAACCAGTGAACCCCTAACTCTGCGAGATCTTGGGGTACACACACTCGGGATGCTGGCCTC  
 CGCCCTCTCGTTTTCTTTGCTGTTTTCAAAGGACATGCAGGCTCATCGCCCCATTTCTACAACAGCCA  
 GAGGACATGGTGGTGTGTTGGGGGAGGAAGCCCGGCTGCCCTGCGCTCTGGGCGGTACAGGGGGCTCG  
 TGCAGTGGACTAAGGATGGCTGGCTCTAGGGGGCGAAAGAGACCTTCCAGGGTGGTCCCGTACTGGAT  
 ATCGGGGAATTCAGCCAGTGGCCAGCATGACCTCCACATTAAGCCTGTGGAATTGGAAGATGAGGCATCG  
 TATGAGTGCCAGGCTTCGCAAGCAGGTCTCCGATCACGACCAGCCAACTGCACGTGATGGTCCCCAG  
 AAGCTCCCCAGGTAAGGCGGGCCCTCTGTGTCTCTGTTGCTGGAGTTCCTGGAATCTGACCTGTCG  
 GAGTCGTGGGATTACGACCTGCCCTGAACTACTGTGGTTCGAGATGGGATCCGGCTGGATGGGAGC  
 AGCTTCCACCAGACCAGCTGAAGGACAAGGCCACTGGAACAGTGGAAAACACCTTATTCTGACCCCTT  
 CCAGTCATGATGATGGTCCACCTTGATCTGCAGAGCGGAAGCCAGGCCCTGCCACAGGGAGGGACAC  
 AGCTGTTACACTGAGCCTCAGTATCCCCAATGGTACTCTGTCTGCTGAGCCCAGACTGTGCAGGAG  
 GGAGAGAAGGTGACTTTCTGTGTCAAGCCACTGCCAGCCTCCTGCTACTGGCTACAGGTGGGCGAAGG  
 GGGGATCCCGGTGCTTGGGGCAGTGGGCAAGGTTGGAGGTGTTGCAGATGCCACTTCTCTGACTGA  
 GCCGTGTCTGCGAGGTGAGCAACGCGGTGCGAAGCGCAACCCGAGCACCAGCGCTGGAAGTGTGTAT  
 GGACCCATTCTGCAGGCAAAACCTAAGTCCGTGTCGGTGGACGTGGGAAAGATGCCTCCTTCAGCTGTG  
 TCTGGCGCGGAACCCACTTCCACGGATAAACCCTGGACCCGCATGGGTGGCTCTCAGGTGCTGAGCTCCG  
 GCCACGCTGCGGCTTCCGTCCGTGGCACTGGAGGATGCGGGCGACTATGTATGCAGGGCTGAGCCGAGG  
 AGAACGGGTCTGGGAGGCGGCAAGCGCAGGCGAGGCTGACTGTGAACGCACCCCTGTAGTGACAGCCC  
 TGCAACCTGCACCAGCCTTTCTGAGGGGCTCTGCTCGCTCCAGTGTGTGGTGTGCTCCCTGCCCTG  
 AGACTCGGTGGTGTGGTCTTGGGACGAGGGCTTCTGGAGGCAAGGCTACTGGGCAAGTCTAGTGGAA  
 GCCTTCCAGCCCGGAAGTGGAGGGGGACAGGGCCCTGGCCTATTTCTGTGTACACATTTCCGGAA  
 CCCAGGATCCGACTTTACCACCGGCTTCAACTGCAGTGCCCGCAACCCGCTAGGAGAGGGACAGTCCA  
 GATCCACTTGGGCGTAGAGACTTGTGCTACTGTCCGATTGTGGCTGGTGCAGCATCTGCAGCCACC  
 TCTCTCTTATGGTCATCACTGGAGTGGTCTCTGCTGCTGGCGCATGGCTCTCTCTAAGCAAAAGA  
 ACTTGGTCCGGATCCCAGGAAGCAGCGAGGGTTCAGTTCACGTGGCCCTGAGGAGGAGACAGGCAGCAG  
 TGAGGACCGGGTCCCATTGTGCACACCAGCACAGTGAATTTGGTCTTGGAGAAAAGAGGCTCTGGAG  
 ACAAGGATCCAACCAACGGTACTACAGGGTTCGAGGGTCAAGTGTGAGCCTTAGCCTTGGGGAAGCTC  
 CTGGAGGAGGCTCTTCTTCCACCGCCCTCTCCGATCGGTCTCCAGGGACTCCTACTACTATGACTT  
 CAAGCCACATCTGGACTTAGTCCCTCCCTGCAGACTGTACAGAGCGAGGGCAGGTTATCTTACCACCCC  
 CATCCCGTGCCTTACCAGCTACATGAAACCCACATCCTTTGGACCCCAAGATTGAGCTCTGGAACTC  
 CCCCCTTCCCGTATGCTACCTTGTCTCCACCCAGCCACCAGCGTCTCCAGACTCATGTGTGAATCCATCT  
 CTCCAAGTGAAGGGTCTTGAATCTTCTGTTTGCATATAGTGTGTTGTCCAGATTTCTGGGGAGTCAGA  
 ACAAGTTGATGACCAACCCCTCCAAAATGAACATTGAAGGAGGGAAAGATCATTACAAGCATCAGGACT  
 GTTGGTGTACACTCAGTTCAGCCAAAGTGGATTCTCCAAGTGGGAGCAATATGGCCGCTTCCCATGAGA  
 AAGACATTAAGATGGTACTAAATGACTAAATACTTTGCAGAGGGACAAAGATGGGAAGTGGGATATG  
 GATGGAAGTAGTAGAGAAGATATGACCATCTGCATCAAGAGAAAGGATAACATAAGACAAATCAAGT  
 GAAAGAAATAATCCACACCCCCCCCCACCGCTCCTGGCCAATAAGTATAGCCTACATGGCTGTTTCAT  
 TATCTGGGAACCAAAAATGGCCACTATCTTGACTCCTTCTTAAAGATACAGAAAAGAAATGAATCCAAGGA  
 ATGGGGTAGGGTGAATAAGAAGAAATGAAGGGGACTCTTGGGCTAAGAATACTTATGTTTAAATAATAAA  
 AGGGGGAGGCAAAAGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI  
 ACCN: NM\_172898  
 Insert Size: 2103 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>	<a href="#">BC052773</a> , <a href="#">AAH52773</a>
<b>RefSeq Size:</b>	2847 bp
<b>RefSeq ORF:</b>	2103 bp
<b>Locus ID:</b>	243911
<b>UniProt ID:</b>	<a href="#">Q7TSU7</a>
<b>Cytogenetics:</b>	7 B1
<b>Gene Summary:</b>	May regulate basal insulin secretion.[UniProtKB/Swiss-Prot Function]