

## Product datasheet for **MC222554**

### **C330027C09Rik (NM\_172616) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	C330027C09Rik (NM_172616) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	C330027C09Rik
Synonyms:	AA408511; AU018569; Cip2a; Kiaa1524
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC222554 representing NM\_172616  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGATTCCACCGCTGCTTGAAGTCCCTGCTCCTGAGCATCAGTCAGTACAAGCCGTTAAGTCGGAGG  
 CGAACGCCACTCAGCTGCTGAGGCACTTGAGGTAGTTTCTGGACAAAAGCTCACACGACTGTTTACATC  
 ACATCAGATATTACCAAGTGAATGCTTGAGCTGCCTTGTAGAACTTCTCGAAGACCCAAACATAAGTGCT  
 TCACTGATCTTAAGTATTATCAGTTTGCTGCTCAACTGGCTATAGATAATGAAACCCGAGACTGTCTTC  
 AGAATATATACAATCTGAATAGTGTGCTGTGAGGAGTGGTTTGTGCGAGCAGCGCTTGCCACAATGATTC  
 CGTGTTTTACAGTGCATTCAACTGCTGCAAAGGTTAACATATAATGCCAAATTTTCCATTCTGGTGCC  
 CATATAGATGACTTAATTACATTCTTGATTGGTCATGTTAGTCTTCTGAAGATGAGCTAACATGCCTT  
 GTCTAGGACTATTGGCAAATCTTGTGCGCACAACTTTTCTGTTCAAACACAAATAAAAACCTTTGAGTAA  
 TGTGAAATCTTTTACCGAACTCTATAAGCTTCTAGCACACAGCAGTCTGACTGTGGTTGTGTTTGA  
 CTTTCAATATTATCCAGTTTAACTAAATGAAGAAGTGGGAGAAAAGCTATTTCAATGCTCGAAACATTC  
 ATCAGACTTTCCAATTAATTTAATATTCTCATAAATGGTGATGGTACCTAACAGAAAGTACTCAGT  
 TGACCTACTGATGGATCTCCTAAAAACCTAAAATTGCTGATTATCTGACCAGGTATGAGCACTTTTCT  
 TCATGTCTTAGTCAAGTACTAGGACTTCTAAATGCAAAAGACCCTGATTCTTCTCAAGTTTTAGAA  
 TACTTCTTGCTTCTGTGAGTACTCAGCTGCGCCATGACTCAGTCAGATGATGTTTGAACAGTCTCC  
 ATCTGGCAACATTCTGGGAGCCGTCCTAAGAGCTTAGAGCCTACTGCGGCTCTACTTCGCTGGTTAAGC  
 CAACCTTGGATGGAGCTGAAAACCTGTTCTGTGTAGCATTGGAGTTGTTCAAGGAAATCTTCGAGGATG  
 TCATTGATACTGGTAACTGTTCCCTCAACTGACCATTTTGTGACCTTCTGCTTCTCAAAATCTTGATCA  
 GCTTCAGTTCAAAGAACAAAATCTGGATGAGACCTTAGTAAGAAATAAGTGTGAAAGGATGGTCAAAGCC  
 ATTGAAGTTTTATTAACCTGTGTGGAGACGACTCTGAAAATGCATGTTGAAAAATATTGACTACTC  
 TAAAGTGACCACGCTTATAGAGCAGCAGTTTACATATGGCAAGATTGACCTGGGGTTTTGGAACAAAGGT  
 AGCCGATTCTGAGTTGTGCAAACTTGCTGCTGATGTAATTTGAAAACCTTACTTTGATGAACAAACTT  
 AAACAGTTGGTCCCTGGTATGGAAGTAAGCTTCTACAAAATCCTTCAGGATCCGCGGTTGATTACTCCTT  
 TAGCTTTTGTCTTAAACGTAGATAATAGAGAGCAAGTCCAGTCTGGATTGGGAATACTGCTTGAAGCCTC  
 TCCCTGCCGATTTCCCTGCCTTCTGACTTGGAGAAAGTATAGCAGCAAACAATGTATACAGACAGCAA  
 GAAACTGAGCATCTGCCAGGAAAATGACTTTCCAGCCCTTAAATCATGGTTTTTCAACATCAGCAAAGT  
 GCTTAACGCCCTCCTCCTTCAAAGATAATGCTCCTGCGTTGAACATTGAGGACCTCATAGAGAACTGCA  
 GGCTGGAGTGATGGTAAAGGATCAGATTAGTGATATAAGAATATCTGACATCATGGATGTTTATGAGATG  
 AAACCTTCCACATTAGCCTCTAAAGAGAGCAGGTTACAAGATCTCCTGGAAGCAAAGGCCCTGGCTCTTG  
 CACAGGCTGACAGACTGATCGCTCAGTATCGCTGTGAGAGAACGCAAGCAGAGACAGAGGACGAACT  
 TGCGGGTATGTTACGAGAAGTTGAGAGAAAAATGAAGAGCTTAGTGTGTTGCTGAAGTCACAACAGCTC  
 GAGTCAGAAAGAGCCCAAAATGATATTGAGCATCTTTCAACACAGTAAGAAGCTGGAATCTGTAGCTG  
 CAGAACATGAAACTACTGACAAAGTCTACATGGAACCTGTTCAAAGAAATGAAGCTACTGAAAAGAAGAA  
 TACTGACTTACAGACTACCTGTGAATCTCTGAATAAACACATTGAGACAATGAAAAAATGAACGAGGCG  
 CTCAGCAACAAAATGAAAAAATATTGCTCAGTTGATAGAGAAAGAGCAGAGAAAAGAAAGTCCAGA  
 GCCAGTTAGCAGACCGAGAAATGAACTATCAAATTTGCATAAAAATAGCAAAAATCCCAAGAGAAAAACT  
 TAATGTTTTACAAAAGGAAAAGGAAGATAAGCAGGAAACCATGATATCCTTAGAAAAGAATTAAGCAGA  
 ACAGAACAGATAAGGAAAGAGTTGAGCATTAAAGGCTTCTCCCTAGAAAATGCACAAGGCTCAATTAGAAG  
 GTCGTTTGAAGAGAAGGAGTCTTTGTTGAAACTCAGCAAGAGGAGTTGAACAAACATTCTCACATGAT  
 AGCAATGATCCACAGTTAAGTGGTGGAAAAATAAGCCCGAAACTGTGAACCTTAGTATA**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_172616

<b>Insert Size:</b>	2724 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="#">NM_172616.2</a> , <a href="#">NP_766204.2</a>
<b>RefSeq Size:</b>	3974 bp
<b>RefSeq ORF:</b>	2724 bp
<b>Locus ID:</b>	224171
<b>UniProt ID:</b>	<a href="#">Q8BWY9</a>
<b>Cytogenetics:</b>	16 B5
<b>Gene Summary:</b>	Promotes anchorage-independent cell growth and tumor formation.[UniProtKB/Swiss-Prot Function]