

## Product datasheet for **MC224589**

### **D930015E06Rik (BC062940) Mouse Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** D930015E06Rik (BC062940) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** D930015E06Rik  
**Synonyms:** Kiaa0922; mKIAA0922  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >BC062940  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGGAAAAGCATCCTTCAGAGTTATTTTCTTACCTACCGAAGAAGGGAGCATCGAAAGCTCTTTATTTA  
TTAATACCTCCTCACACGGAGTCTTCTCCTATCATGTATCTGGAGTGGGCACTCGCAGAGTCTCTACAGA  
AGGGTCTGCGGAGCAGCTGCCGAACGCATACTTTCTGCTTCCACAGGTCCAAAGTATTCAGCTTTCACAG  
ACACAGGCAGAGACCACTAATACCAGCCTGCTGCGGGTGAACCTGGAATGCAATTCATATAATAAAGTGT  
GTCAGCAATTGAAGAGTTGCTCTCTGGGATCTGATGATGCGCTACACTTGGAGATGAACATCATTGTAGC  
AGTGGAAAACCTCCAAGCAACCTGAAGAGAACACTCAAGCCCTGCTAGATCACCTCTCTATTGTCTAT  
GTAGCTACTGATGAGTCTGACACCTCAGATGAATCTGCAGTAAATATGTATGACTGCATTACAGGAAACA  
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ACTGCTCTCTACTCCACGACAACTTCACAAAAATCGCTCGTTTACTTGCAAAGCAGGTACCTCGTGT  
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TGGTGCAGGGGATTTTCAGAACGGATGCCTCTACAGCCAGTTTACATAGAGAGTCAAGAGATGCAAC  
AGGAGTCTGGTCAATATGGTACCGCAGCCATTTTGACCAGAGCATTGTATTAAGATGTGTTTGTTC  
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AAACACAGGTGCCATTTTGAATACCTCTGCAGATTTTCTCGGCCCAACCAAGGAAGGGAGTCTGGGT  
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GCCTGTCTCCCTGCAGTTGCTGCCTCTCCTTATACCCGAGGCCTGAAGCCGAGTGGCCTGCTCCAC  
AAATGGTTTGGCAGATATGCAGATGGTAACTCTCAACTGGTGAATTCAGCTCACGAAGCTTGCC



CTTACCAGGGCGAACCTTCTGAGGAGTCCAGTTTGGGAGCTTTCATGTGCACTTGCAGGCTTTGGAAAC  
 GAGAAGGGTTGGTGTGTGTTTACACCAGCAGACTATGGCAAAGTCACCTCCCTCATCTGATCAGGAAT  
 AACTTGACTGTCGTTGACATGGTTGGTGTGGAAGGATTTGGAGCACAAGAGCTCTTGAAAGTGGGAGGAA  
 GACTTCTGGTGCAGGAGGCTCTCTCCGATTTAAGGTGCCTGAGTCCACCCTGATGGATTGTCATCGACA  
 ACTGAAAGATAGCAAGCAGATTTTATCTATTACAAAGAACTTCAAAGTTGAGAATATCGGACCTCTCCC  
 ATAAGTGTGACATCCTTAAAAATCAATGGGTATAACTGCCAGGGTTATGGATTGAAAGTGTAGATTGCC  
 ATCCGTTTTACTGAGCCAAACACATCCCGAGACAGCAGCATCGTGTTTACTCCAGACTTTACCTCTTC  
 CTGGGTATCCGTGAGCTGACGCTGGTCACTGCAGCAGACCTAGAATTCCACTTCACACTCAATGTGACC  
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 GGCTCACTGTCTTTTGTGAGTTTGTCCCTGCTGGGTGATTCTAATAGCCTTCCAGCAAGCACAGTA  
 CATTTTGTGGAATTCATGAAAACAAGACAGAGGCAAAACGGCAGCTCTCTTCCAGCAGAACGGTGAT  
 CCAGTGGCTATGATCAGTCCCATCCTCACAACACTTGAAGAATTCCTGGACACATACAGCCCATCTG  
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 GAGCCCGCCACCTATGGTCATTCTCAGAAGAAGCATAAATGCTCCTTCTACTACAGCAACAGAAGCCC  
 AGTGCATCTGCGCCAGCAGTGCCAACGTTACCACTGAGGAGAAGCAGACTGTGACCCTGGCAAGCTCCC  
 TGCTGTGGCCAAGGAAGACATTTGCACTAATGCTCCTCAGTGAGAAGTGGGTGAGCTCAGATATGCCAG  
 TGGCATCAATGGCAGCTTGCAGAAGAATCTAACCTTCCCAAAAATGACTGCACAAGAGGAAAGCTCA  
 CTGAAAAACACAGTTGTCACTAACACTCCTTCCAGAAATGTAGTATGAAGGAGGGAGTACACACATATATG  
 TTCTAAGGAACTGACAGCAAAATTTCCAGAGAATGTGGCTGAGCTCAAGGAACAAGAGCCCTGTCCACA  
 GAAGACTTCTAAGAAGCCACCTGAAAGTACTTTGCCAAAACCCACCTCAGTACCTTCACTGAGACTTG  
 CCAGAAGTTTCCAGGAACATGGAATAAGCAGCAAGCGCTGTCAGGAGTGAAGTGGACAGCTTTGAGC  
 CTGTGAGAGCCGCTGACGCAGAGCCGCTCCTCAGTGAGGAAGCAGCGGGGCATCTCCAGAAGCACAGT  
 TCCCGAAGCAGGACACACCTTCCAGCAGAGCAGGAAGATCCTTCCAGGAAGGGAAGCTTCCAGGAGG  
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 CTGCCCCAGGCTCCAGTTCTCCCAGGCTTCTGAGCAGAGCGAACAGAGGCTTGTCTGAGTGACGTCAG  
 AAGCTGGTGTGCACAGGACGGCGCTGGGGAGAAATGTAAGGCTGGCACGGAAGTTTCCGGCAGCTCCCCT  
 GAACGGAGAGAGGAGGAGATGGTGTTCACACAGAAATTTCCCTTCCAGAAAGCTTCCGCTCCCTTGGCC  
 TCCCACAGCAGTCTGCAGCTCTACAGATGTGAGTGTCTGCCTGAGTTCACAGAGTCCCCTGTCTGG  
 TCTTCTGCCACCTGCAGGTGCTGGAGAAGAGAAAGGTCTGTATCCACCCGGAGGCTGTGGCCTTCC  
 CAGCCAGTGTGTCTGACCAGCAGCTTCACTGCCAGTGGAGAAGGTTGCCCCAGGGGTGTCTCAGGAGC  
 CCACCTCCATCCCTGACAGTTTCATTGATTGGAGTGCATCCTGCGAAGGCCAATTTCCAGTGTGTACTG  
 CCCTCTGGAAGTGAACGATTACAATGCCTTCCAGAAAGAAAACATGAATTATACCAATGGCTTCCCTGC  
 TCTCGAAAGTTCCAGACGACTTCAATTGGCCACAGCACCCCTTACCTGGAACACTCCGGCCAGCATGC  
 CCGCTGCCTGGGGCCATGCCAGTCTCGTCAACTCTCCATCCTACCTCACGAGCACCCGAAGCTTGTCTCC  
 CATGTCTGGACTCTTTGGTTCCATCTGGGCCCCAAAAGTGAAGTGTATGAAACCTGCTGCCCATCAGC  
 CCTGCCACAGAGCATGCAACCCACATGGAAAACAGGTCATGTGCAAGGAGTACTACCTGGGCTTTAAC  
 CGTTCGTGCCTACATGAACCTGGACATATGGACTAGCACAGCAAATCGCAATGCAAACTTCCCCTGTC  
 CAGAGACTCCAGTACTGTGGGAACATGTGA

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:**

SgfI-MluI

**ACCN:**

BC062940

**Insert Size:**

4161 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><a href="#">BC062940</a></u> , <u><a href="#">AAH62940</a></u>
<b>RefSeq Size:</b>	4792 bp
<b>RefSeq ORF:</b>	4160 bp
<b>Locus ID:</b>	229473
<b>Cytogenetics:</b>	3 E3-F1
<b>Gene Summary:</b>	In its membrane-associated form, antagonizes canonical Wnt signaling by triggering lysosome-dependent degradation of Wnt-activated LRP6. Regulates thymocyte proliferation. [UniProtKB/Swiss-Prot Function]