

## Product datasheet for **MC221952**

### **Iqca (NM\_029122) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Iqca (NM_029122) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Iqca
Synonyms:	4930465P12Rik; 4930585L22Rik; BB288505; Iqca1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC221952 representing NM\_029122  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGTCGAACCTAATGTACAATAAGATGTGGCACCAGACCAAGAAGCCCTCAATTCTCTGCTTGACAAAG  
 AGTTTCAGAAGATGTCCGAACCACAAGCAAACAAGGTCCTAGTCTTTAGATGTTAGCCACCTTCTACAT  
 AAATAATGTGCAGATCTTCAGGAACATGGAGAATGTCTATGATCAGATAGTCCATCCACAGAAACGCATG  
 CTGATCCGCAAGGTCCTGGATGGAGTGTGGTGCATTCTGGAAGTGAAGAATGAGATGGTAGAGTTGG  
 AAATGACAGAGTTCATTATTTTGTATATCTTACAGGACCTGAAGCTGTCTCCTCAACAGTTGGATGT  
 CCCCATACCCAGGATTTCTGAAGGAGAGGTTGGAAGTCATAAAGGGAAGAGAGAAGATCCTGGCTCGG  
 ATCTTAACTGAATGCGGACTGAACCTCCCTGTGAAATATGCCGAAAGAGTATAGCTTTGGAAGAGGCTG  
 TGAAGTATCCAGATAGCGGAGCGTCAAGACAGGGCCGCTCAGGGCTCTGTTTATGAAGCAGATTTT  
 CCTTCAGGAGTGCAGAGCAAGGAGATGAAGCTGTTGGGACATAGATTATTAGACACCAAGTTGGCGGCA  
 CTCAGATCCAGAAAGTTTGGCGAGGTTCCATCAATGCAAAAAAACAGTGAAGGAGCGGGAAGAGGAGA  
 TGGTCTTCTGGGTATGAAACCATCCCCTCTTCAATGAAGTCAGTGTGCCATTGTCCAGTCCAAACA  
 AGTGACAAATCTGCGGGACGAGGTGCAGCTAAAACACGAACAGGACTACCAGGAAGCCTTAGTAAATATC  
 AAGGAGGACCTGAAGATGCTGGAAGGCCCGGACATCAAGGAGCATCTTCAGGACCAGATCCGGCAGTGGT  
 TCATTGAGTGCAGGAATTTGACGGGCACATCCAGACTACCCCAATGAGGAAGACGGAGGTTGAGCTCT  
 CATCTTTTCCAATAAGACCCAGAACAGGTTATGGGGATATCATAGCCACCAAGAGGAGGAAGAAAAA  
 CTTAAGAAGAAAAAGAAGAAAGAAGACAAGGAGAATAAGGGCAAAAAAGGCAAAAAAGGAGAAGAAGGAGA  
 AGAAGGAGAAGAAGGACGAAGATGAGGAGTGAAGATGTCACCAAGTCTTTTCTCAATTGATGGAGGA  
 AGGAAATAGCTTATACAAGACATATGGCTGAATAAAGACGAGTCTTGGAAATTTCCCTCAAGACTATGAC  
 CAGAAGTATCAAGGAGAAAAACGAAAGGAGTTAGAAATGGAGATAAGGGTTCAGGTGGATGAGCTTA  
 TGAGACAGGAACTGAAAAACCTAAGCTGGCTGTGAACAGAGAGATGAAATCCCACCCCGGCAAAAAGAA  
 AGGGAAAAAGAAAAATAAAGGGAGGAAAGGCCGGAGAGGGAAACGGGAAAGAAGAAAAAGACCTGACG  
 GCTGACAGGACCATCGAGTCGCTGTACCAGGAGCTGGTTGAAAAAGCCTGCTGATCCAGGCTCTGAAGG  
 TCAACCTCTCGGATTACATTGGTGTGAGTACAGCTACCTGGGACAACCTCTGCGCCAGGTGGCCATAGAACC  
 CATGCCCTCCCTCTGGATGTCAGACAGCTCATCACACTGTATGGAATCTTGCCTCTGGGTCTGCAGAA  
 GTGCATGAGAGAGCTCCCTTGGTAAAGTACTGCTTTTGGCTGGACCCTCGGGAGTAGGGAAAGAAATGC  
 TGGTCCATGCCATCTGCACAGAAACAGGGGCTAACCTTTTCAACCTGTCTGCCTTGAACATCGCTGGGAA  
 GTACCCCGGCAAAACCGGCTGCAGATGATGATACACTTGGTCTTCAAGGTGGCTCGCCAGCTTCAGCCT  
 TCCGTGGTGTGGATCCAAGACACAGAAAAACCTTCTACAAAAAGTCCCGCAGGAGAGAAACGGTTTG  
 AACCGAAACGCCTAAAAAGATACCTCCCAAACTCCTGAAGCTCCTGAAACCGGATGACAGGATCCTGAT  
 TGTGGGGACCACACCCGACCTTTCGACGCGGAGCTCCAGCCCTTCTGCAGAGTGTACCAAAAGATCATT  
 TTGGTTCCAGACCTGACTATGCTTCCAGATATGTTCTGTGGAAGAAATCATTCTACGCAATGGAGGTA  
 AGCTCACCAATTCCTTGAACATCAGCTGCCTATCTAAAGTCACTGATGGCTTACACAAGGACAGATCGT  
 GCAAGTGATCAAAGACGTGCTCACGGAACGACAGCTCCGGCAGCAGGCTCACAAGCCACTCACTGCCATC  
 GAGTTTATACCATGATGACCAACATGAACCTGTGTACCGAGAGGAGGAAGAGAGTTTTAAGAATGGT  
 ATGCCAAAACCCCTCTGGGGAAAAAGCGAGTCTTGTCACTAACAGTTGGCAACAAAGAAAAGGAAAAGGA  
 CAAAGGAAAGAAGGGGAAAAAGGGCAAAAAAGAAGAAG**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_029122  
**Insert Size:** 2490 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_029122.2</a> , <a href="#">NP_083398.2</a>
<b>RefSeq Size:</b>	3210 bp
<b>RefSeq ORF:</b>	2490 bp
<b>Locus ID:</b>	74918
<b>Cytogenetics:</b>	1 D