

## Product datasheet for **MC220050**

### **King2 (NM\_201375) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	King2 (NM_201375) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	King2
Synonyms:	MGC117836; MGC123404
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC220050 representing NM\_201375  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAAGCTCATTACTACTGCTCTCTGCTCCGGACTCTGCTGACTTTAACACAGGGAGAAGAAGCGC  
 AGGAAATTGACTGCAATGATGAGGCTGTATTCAGGCTGTGGATGCCTCTCTGAAGAAGCTTAATGCTAG  
 GTTACAAAGCGGCAACCAAGTTTGTGTTGTACCGAGTGACCAAGCGCGCTAAAATGGATGGCTCTGCAACC  
 TTTTATTCCTTCAATTATCAAATCAAGGAGGGCAACTGCTCTGCTCAGAGAGGCTGGCGTGGCAGGACT  
 GTGACTTCAAGGACTCTGAGGAAGCCGCACTGGAGAATGCACAGCAACTATGGGGAAGAAAGAAAAATAA  
 GTTTTTCATAGTACCCAGACCTGCAAGATTACTCCAGGTAAGGGCCCCATAGTACAGAGGAGTACCAC  
 TGTGCGAGTTGTGTGCATCCCATATCGGCAGATAATCCAGACCTGGAGCCTGTTTTGAAACACGCCATCG  
 AATATTTCAACAACAACACAGGTCACAGCCACCTTTTGTCTCAGAGAAGTAAAAAGTGCCCAAGGACA  
 GGTGGTGGGTGGCTGAATTTTGACATTATCTACACAATTGTGCAAACAATTGTTCAAAGGAGCGTTTT  
 CCTTCCCTCCGTGGAGACTGTGTGGCACTTCCCAATGGTATGGTGGTGTAGAGGTAATGCTTTCC  
 TGGATACTGATAACAAAATTGAGGACTTACGCAGAGCTGTGACCTTCATCCAGGAGATGATTTGGTAGA  
 AGCGCTTCCCAAGCCTTGCCCTGGCTGCCCCAGGGACATACCTGTAGACAGCCCAGAGCTGAAGGAGGTG  
 CTTGGTCAATCCATTGCACAGCTAAATACAGAGAATGACCATCCTTTCTATTTCAAGATTGACACCGTGA  
 AAAAAGCAACATCACAGTGGTAGCAGGAACTAATTATGTTATTGAGTTCATAGCCAGAGAAACCAATG  
 TTCCAAGGAAAGTAAACACAGAGCTGACAGAAGATTGTGAGATCAAGCACCTTGGACAAAGTCTCGACTGC  
 AATGCTAACGTGTACATGAGACCTTGGGAGAACAAGTTCATCCCGACTGTGAAATGCCAAGCATTAGATA  
 AGACTATTCCTATCCGAAGGAGCCTCCAGGCTTTTCTCCTTTCCGGTCAGCCAAAGTACAAGAAACAAA  
 AGCAGGAACAACCTGTAAGTCCACCCTACATTGTACAGAGAGCAAAAAGAGGGGAATGGCTGGTTGAATGAA  
 AAGCAAATCAAGGCTAAGAATCACAGTGGTCATAAGTATGGTCATGACCATGCACATTGGTCCCCAAGGA  
 GGCATGGCCTTGCCATGGACACAGAAACCACATGGCCTTGGTCATGGACATCGACTTAAACTTGATTA  
 TCTTAGACACCAAGGGAAGATGGCAGTGACCATACACACAGAGGGACATGGTTATGGTCATGGTCAT  
 GGTGATGGTCATGGTCATGGTCATAGTCATGGTCTTGGTCATGGTCATGATAAGCAAACAATAAAGACA  
 AAAGCAGTGTAAAGCAGACTGCCAGAGAACAGAACCTTTGGCAAGCTCTTCTGAATACAGTACTACATC  
 TACACAGATACAGGAGAGGACAGAAGGGCCACCTTGACCCTCCCCGAGCCAGCCAACTGTTACCTCT  
 TCTGGCTTTCAGGACTCAGATTTTCAATTGAAGATGTGGTAGCTATACCCCACCATATGACTGCGGCCCC  
 CTGATGATTTGATCCCTGATATCCATGTACAGCCAGATAGCCTTTTCAATTAAGCTGATATCTGATTTCC  
 AGAAGCAACTTCCAGAAATGTCCTGGGCGCCATGGAAGCCAGCTAGCTGGAAGGATCCAAACACAGAA  
 ACAACAGAATTTTCTGATTTTGTATCTCCTTGTATGTTCTTTCT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_201375

**Insert Size:** 1935 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:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
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.

**RefSeq:** [NM\\_201375.2](#), [NP\\_958763.1](#)

**RefSeq Size:** 2305 bp

**RefSeq ORF:** 1935 bp

**Locus ID:** 385643

**Cytogenetics:** 16 B1