

## Product datasheet for **MC200046**

### **BC005537 (NM\_024473) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	BC005537 (NM_024473) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	BC005537
Synonyms:	8030460C05Rik; C78201
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC002217 sequence for NM\_024473  
 AAAAAATGACTTGTCTTCTGTTGTAAGTCTTAAGAAAAAGTGCCCATAGTTTAGTGACAATTTCCA  
 AAGGCTTTAGTACCACCTGTATTTCAAAATGGGGGACCCAACTCCCAGAAAGAAACAAGCTCTGAACAGA  
 CTACGTGCTCAGCTTAGAAAAAAGAAATCTCTAGCTGACCAGTTTGACTTCAAGATGTACATGGCT  
 TTGTGTTCAAGGAGAAGAAGAAAAAGTCAGCAGCTTTTGAAGTGTCTGAGGTTATACCAGTCATGACAAA  
 TAATTACGAAGAAAATATTCTGAAAGGTGTGCGAGATTCAGCTATTCCTTGAAAGTTCGCTAGAGCTT  
 CTACAGAAGGATGTGGTGCAGCTCCACGCCCTCGGTACCAGTCTATGAGAAGGGATGTAATCGGCTGTA  
 CTCAGGAGATGGATTTCATTCTTTGGCCTCGGAATGATATTGAGAAAATCGTTTGTCTCCTGTTTTCTAG  
 GTGGAAGGAATCTGACGAACCTTTTAGGCTGTTGAGGCCAAATTTGAATTCATCACGGTGACTATGAG  
 AAACAGTTTCTGCATGTAAGTGTGAGCCGCAAGGACAAGACAGGAATTGTTGTCAACAATCCTAACAGTCAG  
 TGTCTCTCTTATTGACAGACAGCATTTCAGACTCCAAAAACAAGCCACCATCTTCAAGTTATGCAG  
 CATCTGCCTCTACCTGCCACAGGAACAGCTCACCCACTGGGCAGTTGGCACCATAGAGGATCACCTCCGT  
 CCTTACATGCCAGAGTAAATAAGAGCATTGACCAGCAAAATGGAGAAGACCAGAGAATGCAGCAGCTATT  
 TTCTTTTCTGTTTTCTTACCACCTTTCTTTCAGAGTTTAAAGAAAATGGACTCATGCACAGAACACTAT  
 GCATTTTGAACCTGTTTCATCCTGGATTTATTTAATCATTTGTATCACAGAATTTAAAAAAATTAGA  
 TGCTTCTGCACGGACTGTGTGAAAGAAGTGCATTGCACATTGCTGCATCGGCATCTTACTAAA  
 ATGTGAAGGAAGGACTATTGTACTGAAATGCTTACTGTATCTGAAAGCACAGGTGATGCTCAGTGTTG  
 TGGTCTTCATGTTGTGCTGGTGTTCCTCTGACATCTGTATCAGTATTGAGGGTGAGGGTGAATGTA  
 GCAGGTATAAGTGACACTTAAACCTTAATAGCTTTGCTATGATCACCGTTGTTCCAGAGCACTGTCAGA  
 TTCCTTATAATGACCAGTGGTGTACAAAAAGAAATACAACCACGGGAAAGAAATCTTAATGAAAAA  
 AAGCATCTATTGAGGCATTTCTGCCTCGTGTGCACTGGGCCATGTTGTTTTCTGGTACTCATTAGTA  
 CACGATTTTTTCCAGATCTCTTTCCCGAGTTGCTGTTATAGAGTACTCTGCTGTGTGCAGATGCATT  
 TATACACATTAAGCAGATCTGGAGTCTGGTGTGGCCAACGCAGCTACAAAACCGAGAAACATTCATAGC  
 TGCAAAAACCATCATAAGTAGAGGACTTTTGGTTTTTGTGTTTTTGTGTTTGTGTTTGTGTTTAAATAC  
 AAATAAAAATCCAGTGAATTTTGCAGAAATACTGGTTTCTACACCATCCTAAAGAAGTTGAGTGTGTTGGG  
 ATAGAAAACGAAAGTGGGAATATTACATTGTAATAAATACTGCAGAGTGAAGAGTTCTGAAAGCAGAAC  
 TTGTTTGTGCAATGAACATAAGGAAAGACTACTGTATAGCTTTTACTTTTTTGTGTTTTTGTGTTTTGTTT  
 TTGTTTTTTTCTTTAAATGAAGAAAAGCTTTGCTTAAGGGTGCATACTTTTATTGGAGTAAATCGGAA  
 TGATTCTACTCTTTGGAGTAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_024473

**Insert Size:** 690 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: [BC002217](#), [AAH02217](#)  
RefSeq Size: 1948 bp  
RefSeq ORF: 690 bp  
Locus ID: 79555  
UniProt ID: [Q99LU8](#)  
Cytogenetics: 13 A3.1