

## Product datasheet for **MC216009**

### 2310007B03Rik (NM\_172411) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	2310007B03Rik (NM_172411) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	2310007B03Rik
Synonyms:	MGC107226
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC216009 representing NM\_172411  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCCTGGCTCAGAGATGCCTGCCTCCCTGTGTCTTTGCTCCAGACATGGCGGAGCAGGTGCCCTGTGGC  
 ATCACTACCTGTTGGCCATCCAGTCACGGGAGTCACCCCGTGCCAGGACTACCAGAGAGCGGAGAATAT  
 CTTGCTTACGGTGTGGAACCGCTCCATGCCTTGGACTCCCGCTTCATTGTTGACTATTCTAGAGACCTG  
 GAGGCCTTCCAGTTTGCCTGCGTTCCTCAGAGACCCACTGGATGTGGAGGTGCTCCTGGGGTGGATT  
 CGGAGGCTCTCCTGATCGAGGAGTCAGAAGCCACTGAGCCAGGGGATGGCCCTGCAATCTGTGCGCTGGG  
 TGTCTCAAGGAGGCATCTGGCCTGGAGCCATGGATGACTGCTGACATCTTCAGTGTCTCCTCAGAGGAC  
 AGAGACAAGTGTGTGGCCACCTGTACCCAGTAAAGTCTGTGTCTCAAAGATCTTCTGGTGGCTG  
 CCATTGTACATTGCAAGCACCACAGGCTCATTCCACCAGTTCACTGAATGCTGCTAATCTGAAGGAAGG  
 GCAGATCGCCTGTCTGCTGGTGTCCAGTGGCTGGAGGAAGATCCGCTTCAAGTTGTGCCCGTGGT  
 AGGAAGAAGCACCGGGTGCCTTGAGGGGGCCAGTTGAAGCTTGATTTCTGAGGGCATCTTGA  
 GAAGAATTGCCAGCCACGGGTGGACCTGGTACCAGCTAATGCCCAGCACTGGAGGATCTCCACTGGCTA  
 CCTGCTCAGTCGCTGCTTGTGCACTAGGCTCCCTCCCTGGCCACCGCTGGACAGCCTCTCCATTCTC  
 GACCGCGTAAACCTAGAAAGTTGGCAAGGTGGCAGCCAGAACCATGGCCTAACTTTTGACCACCTGAAGA  
 CAGTGTGCTGTGGGCTCTACGCTGTTCCAGCACCAGAGGACTGGGCTGACCTGCAGGGCTCAGTGT  
 CCGCCAGCTGGTGGTGTCTGCTGCTGGCTACCAGGAAGCTGCCCCACTTCTGTACCCGGAGCAC  
 AACTTGTGCAGGATGGTGGCCTGGACCTGGCCCATCTACCAACGAGTAGAACACTTCGCCAGCCAGC  
 CCGAAGAGTCCCTACGAATCCATGTACCCACTGGGCCCATCTACCAACGAGTAGAACACTTCGCCAGCCAGC  
 CAAAGCGCTACTGCAGCTCCAGCCAGGACCCTACCTACTGGGCCACCGCTACTTTGACTTTCTGCTA  
 GATAAGTTCCAGGTCTTCAACATCCAGGATAAGGACAGAATCTCAGCCATGCAGAACATCTCCAGAAGA  
 CCAAGACCATGGGGAGTGAGAACAGTGA

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-RsrII

**ACCN:** NM\_172411

**Insert Size:** 1359 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\_172411.4, NP\_765999.3  
RefSeq Size: 2293 bp  
RefSeq ORF: 1359 bp  
Locus ID: 71874  
UniProt ID: Q8CEZ4  
Cytogenetics: 1 D