

## Product datasheet for **MC227668**

### 2010315B03Rik (NM\_001243119) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	2010315B03Rik (NM_001243119) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	2010315B03Rik
Synonyms:	BC029716
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC227668 representing NM\_001243119  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGAATGCAATGACCTATGCTGATGTGCATGTGAATTTCACTTGGGAAGAGTGGCCTTGTGAATCCTT  
 CCCAGAAGAGTCTCTACAAGAGGTGATGCTGGAGACCTACGAGAACCTCACTGCTATAGGCTACAATTG  
 GGAAGACCATTATATTGAAGAACAATTTCAAAGTTCTAGAAGAGATGGAAGGCATAAAAAGAGGTCACACT  
 GGAGAGAAACCCTATGAATGTAATCATTGTGGTACAGCCTTTGCAAGGCATGGTCACTGCAAAGGCATA  
 AAGGAACGCATACTGGAGAGAACTTTATGAATGTAATCGATGTGGTAAAGTCTTTGCATGGAACGTCA  
 TCTCCGAATCCATAAAAAGAACACATAGTGGAGAGAAACCTTACGAATGTGATCAATGCGGTACAGCCTTT  
 GCAAGTCATTGTCGTCTTCAAAGGCATAAAAAGAACACACACTGGAGAGAAACCTTATGAATGTAATCAAT  
 GTGGTAAAGCCTTTACACAACACAGTACTCTACAAGTTCATAAAAAGAACACATACTGGAGAGAAACCCTA  
 TGATGTAGCCAATGTGGTAAAGCCTATTCACGTCACAGTCATCTCCAAAGACATAAAAAGAACACATACT  
 GGAGAGAAACCTTATGTATGTAATCAATGTGGTAAAGCCTTTGCTTATCAAAAATAGTCTCCAGTATCATA  
 AAAGAACACATACTGGAGAGAAATCTTATGAATGTAAGCAATGTGGTAAATTTCTTCCATGCCGTAAGCA  
 TCTTCAAATACATAAAAAGAACACATGCTGGACAGAAAGGCTATGAATGTAACAAATGTGGTAAAGCCTTT  
 GCTTTTACATAGTCATTTCCAAAGACATAAAAAGACATATTGGAGAGAAACCTTATGAATGTAATCACTGTG  
 ATAAAGCCTTTGCAAGTCACAATAATCTTCAAAAACATAAAGAAGGCATACTGGAGAAAAACCTTATAA  
 ATGTAATCTGTGTGACAAAGCCTATGCACATCACAGTCATCTCCAACACATGAAAGAGTGCATACTGAA  
 GAGAAACCCTACAATGTAATCAATGTGATAAAGCCTTTTACAACAAAGTCTCTACAAGTGCATAAAA  
 GAATACATACTGGAGAGAAACCCTATGAATGTAACCAATGTGGTAAAGCCTTTACATGTCACAGATATCT  
 CCAAAGACATAAAAAGAACACATACTGGAGAGAAACCTATGAATGTAACCAATTTGGTAAAAATTTGCA  
 CAACATAGTACTGTCCACAGCATAAAAAAAGGAAATATT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM\_001243119
- Insert Size:** 1302 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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\\_001243119.1](#), [NP\\_001230048.1](#)

**RefSeq Size:** 2625 bp

**RefSeq ORF:** 1302 bp

**Locus ID:** 630836

**Cytogenetics:** 9 F4