

Product datasheet for **MC227800**

2010315B03Rik (NM_001243117) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	2010315B03Rik (NM_001243117) 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: >MC227800 representing NM_001243117
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTACTTGGAAAGACAGTCTTCAACTTCTTTTCAGGCTGGCCCTGGCTGGTCAAGGAGAGAAC
 ACCAGAGAAATGCAATGACCTATGCTGATGTGCATGTGAATTTCACTTGGGAAGAGTGGCTTTGCTGAA
 TCCTTCCAGAAAGAGTCTCTACAAGAGGTGATGCTGGAGACCTACGAGAACCTCACTGCTATAGGCTAC
 AATTGGGAAGACCATTATATTGAAGAACAATTTCAAAGTTCTAGAAGAGATGGAAGGCATAAAAGAGGTC
 AACTGGAGAGAAACCTATGAATGTAATCATTGTGGTACAGCCTTTGCAAGGCATGGTCACTGCAAAAG
 GCATAAAGGAACGCATACTGGAGAGAACTTTATGAATGTAATCGATGTGGTAAAGTCTTTGCATGGAAC
 TGTCATCTCCGAATCCATAAAAGAACACATAGTGGAGAGAAACCTTACGAATGTGATCAATGCGGTACAG
 CCTTTGCAAGTCAATGTGCTCTTCAAAGGCATAAAAGAACACACACTGGAGAGAAACCTTATGAATGTAA
 TCAATGTGGTAAAGCCTTACACAACACAGTACTCTACAAGTTTCAAAAAGAACACATACTGGAGAGAAA
 CCCTATGAATGTAGCCAATGTGGTAAAGCCTATTCACGTACAGTCATCTCCAAAGACATAAAAGAACAC
 ATACTGGAGAGAAACCTTATGTATGTAATCAATGTGGTAAAGCCTTTGCTTATCAAAATAGTCTCCAGTA
 TCATAAAAGAACACATACTGGAGAGAAATCTTATGAATGTAAGCAATGTGGTAAATTTCTTCCATGCCGT
 AAGCATCTTCAAATACATAAAAGAACACATGCTGGACAGAAAGGCTATGAATGTAACAAATGTGGTAAAG
 CCTTTGCTTTTCATAGTCATTTCCAAAGACATAAAAGACATATTGGAGAGAAACCTTATGAATGTAATCA
 CTGTGATAAAGCCTTTGCAAGTCAAAATCTTCAAAAACATATAAGAAGGCATACTGGAGAAAAACCT
 TATAAATGTAATCTGTGTGACAAAAGCCTATGCACATCACAGTCATCTCCAACACATGAAAGAGTGCATA
 CTGAAGAGAAACCTACAATGTAATCAATGTGATAAAGCCTTTTCAACAAGTTCTCTACAAGTGCATA
 TAAAAGAATACATACTGGAGAGAAACCTTATGAATGTAACCAATGTGGTAAAGCCTTTACATGTCACAGA
 TATCTCCAAGACATAAAAGAACACATACTGGAGAGAAACCTTATGAATGTAACCAATTTGGTAAATAT
 TTGCACAACATAGTACTGTCACAGCATAAAAAAGGAAATATT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001243117
- Insert Size:** 1377 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_001243117.1](#), [NP_001230046.1](#)

RefSeq Size: 2700 bp

RefSeq ORF: 1377 bp

Locus ID: 630836

Cytogenetics: 9 F4