

## Product datasheet for MC214680

### AF067063 (NM\_001001449) Mouse Untagged Clone

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Expression Plasmids  |
| Product Name:             | AF067063 (NM_001001449) Mouse Untagged Clone                                       |
| Tag:                      | Tag Free   |
| Symbol:                   | AF067063   |
| Synonyms:                 | clone L2, clone L5   |
| Mammalian Cell Selection: | Neomycin   |
| Vector:                   | pCMV6-Entry (PS100001)   |
| E. coli Selection:        | Kanamycin (25 ug/mL)   |
| Fully Sequenced ORF:      | >MC214680 representing NM_001001449<br>Red=Cloning site Blue=ORF Orange=Stop codon |

TTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCCGCATCGCC

ATGAAGCGTTCTGTCCCTGTCTTGTCCAAGATACATCACATTCCGAAGAGCATGCACTGCAGACTTCAC  
 AAGAATTGCCAGCCCTGAGACCACGATATTCCAGGTCTGAGCCACAGTGTTTCTGTGGAGAGCCAAACCA  
 CTGCCATGAGGATGACTGGATTGTTGATTGGGAACCATACTACCTCCCTGTGTACTTGAAAGCTGGGAC  
 TGCTTGAGATACCACTCCGATTGAATTGTGCCATGAAGAAGGGCACAGAGGTCTCCAGATTGAGAGTC  
 AGAGGGGGCCACAAGTGTCCAGGAGATATGGACAATGACAAAGATACAGAGGAGCCAGACCAACCCTT  
 GCCAAGCTTGCTCAGGGAGAAAGGGCTGGAACCTTGAGACCTGTGATGGTGGAGACTGCCCTGACCAGGAT  
 CCCGCTTCTGACAGTCCCAAGCACCTAGGCTGCTGCTTATGGCTTCAAAGGGCTTTTGGCCAGAAGAAGT  
 GA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

|                    |              |
|--------------------|--------------|
| Restriction Sites: | SgfI-MluI    |
| ACCN:              | NM_001001449 |
| Insert Size:       | 492 bp       |


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**OTI Disclaimer:** Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at [custsupport@origene.com](mailto:custsupport@origene.com) or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**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.

**Note:** Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

**RefSeq:** [NM\\_001001449.2](#), [NP\\_001001449.1](#)

**RefSeq Size:** 886 bp

**RefSeq ORF:** 492 bp

**Locus ID:** 380878

**Cytogenetics:** 13