

## Product datasheet for MC226980

### Gm3409 (NM\_001243113) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Gm3409 (NM\_001243113) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Gm3409  
**Synonyms:** 100041566  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC226980 representing NM\_001243113  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGTTCTCCTGTTCCAGGGTTCAGAGGCTCCGGCCACAAAAAGCCAAGAGCGGTTTCCTTGTTTCGCT  
 TTTGGAGACGTTTGATTCGCCCTCTGATACACTTCAGGCATGCTTCCACAGTGAGCCCAAGGTCTGTT  
 TCAAAATGAACAGGAGCCAGACTCTCTGCCAAGCGCCCCAGTTCAACTATGACAGCCAAGAATACGTG  
 GTACAAATGATCCACTACATTCCAGCTGCTATTAGAAACGTGACCACATCTGTATCACCATATTTCTTG  
 GCGTCTACCGAACGTATGCCAGCACTTGGGAGGTGCTGGACCTGCTGATGAGAACGTATGCATCCTTCCG  
 GCCTGACTGTATAAAGGACCAGCAAACTAAGAGAGCCATATTCAGGTTTCTGTTCCGGCTGGTTTAAAGAAA  
 TACCCCCAGGATTTTTATGAGTCCCGACCTGGCTGTTGTGAGGCAGTTCATTGACTATGTGAAGCACA  
 ATGTGCCCTTCTCAGATGTAGATAGAGCCAGGGAGCTGCTCTCCCTGCTGGAAGATCAGGAGGCAATAGA  
 GCTACAGATTGAGCAAGCTCCAGAGCCCTCAGAGCAGGATGCCTCTGGGAGGCAGGAGACTCTGGCTCTG  
 AGGCCAGCTTCTGAGACAGGCCACAGGGAGACAAGCAACCCGAGAGGATCCTGAGCTTGTGAAAGGAG  
 CAGTTCTGGATCCCTCTGAACCAAAAGCCACAATAGAGCTGCCTCCGTCTTTACATCAAGCTGTGCCAC  
 ATCAGATGGTACACTCTACCTGTAGATGTTACTGCAGATGAGGCGACAGGTGTGGCTGCAGATGAGGCT  
 GCAGATGTTGCTGCAGATGTTTACCTGCCAGGAGTATTTGTGTCTTACACTGTGCAGTTAGGTACAC  
 CAGATTTTCGTCATCCCTCTGCCTGAGGTTGACAT**AG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-MluI  
**ACCN:** NM\_001243113  
**Insert Size:** 948 bp



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<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001243113.1</a></u> , <u><a href="#">NP_001230042.1</a></u>
<b>RefSeq Size:</b>	1154 bp
<b>RefSeq ORF:</b>	948 bp
<b>Locus ID:</b>	100041566
<b>Cytogenetics:</b>	5