

## Product datasheet for **MC214342**

### Gm5072 (NM\_001114678) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Gm5072 (NM\_001114678) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Gm5072  
**Synonyms:** EG278167  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC214342 representing NM\_001114678  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGCCTAGAGGCAACAAGAGCAAGAGCCGATCCAGGGCCAAAAGGCAGCAGATGCGGGGAGAGAAGCCTA  
 AACTCCAGGGTGCTCAGCCCACTGGGAAGGAGGAGGGAAAGCAGCATCTCCTGCTTTGACCAGGGAGA  
 TGGCCCCAGCTCCTCTGATAGAGGCACTGCTCAGGAGTCCAGGAGGCTGCATCCCATATCTCTCCTGAG  
 TTAATGTGTCTCATCCAGTCCATGATGTTGGTGTGAGGGTTCCCTTTCAGGTGTGGATGAGAGACGTG  
 CAAATGTCTCATTATAGCAGATGCCATCCAATGTGCACGCAGAGATCCCTGACCAGGAAGGCCAGCAA  
 GGTACTTCACTATCTGCTGGAGAAGTACAAAAGGATGAGCAACCTGTAGAGGGAGAGATGCTGAAGCTG  
 ATAGGCAGGAAGTACAAGGTTCACTTCCCCCAGATCCTGGAGAAAGCCACCTATCAGCTAGAGCTCGTCT  
 ATGGTCTGGAGTTGAAGGTAGACAACCCCTGCCACTCACTCCTATGTCCTTGTAGCAAGTACCCATCCT  
 CCCTGGGGCAGATGTGGGTGGCAGGAGAGAATTGCCTAAGACAGGTCTCATCCTGACCATCCTGGGTATG  
 ATCTTCATGAAGGGCAACCGTGCCACTGAGGAAGAGGTCTGCCAGTTTCTCCACATGCAGGGGATATATC  
 CTGGGAGGAGGCACTTAATTTTTGGGGAGCCCGGAATTTACACCAAAGTGTTAGTTGAGCAAAATTA  
 TGTGGAGTACCGCCAGGTTCTGGAAGTATCCCCCACTCATGAGTTCCTATGGGGTCCCAGAGCCCAT  
 GAGGAATCTACTTACAGGAAAGTTATGGATATTTAGCTAAAATCAAGAGTGCCATTCTAGTTACTATC  
 CTCAACAGTATGAGGAGACTCTCAGTAACCAGGCTGAGAGAGCAGCAAGGAGAGATGAGGCTGGGGTTT  
 TCATGCTGCCAGGATTCCCTCACATGCCAAGCTAGCAGCTCCTCCACATTTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001114678



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<b>Insert Size:</b>	1035 bp
<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>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_001114678.1</a></u> , <u><a href="#">NP_001108150.1</a></u>
<b>RefSeq Size:</b>	1035 bp
<b>RefSeq ORF:</b>	1035 bp
<b>Locus ID:</b>	278167
<b>Cytogenetics:</b>	X C2