

## Product datasheet for MC227329

### Gm11237 (NM\_001277575) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Gm11237 (NM\_001277575) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Gm11237  
**Synonyms:** Gm11236; OTTMUSG00000000280; OTTMUSG00000000281  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC227329 representing NM\_001277575  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGAATCTCACCGATTACCACGTCCAGCTACAGTATGAGAGAGAAGATAACCGAGTCCAAAGTGTGAGAA  
 ATGACAAAGAAGCCAATAGGAGGAGGAGGCTGAGGCAAGAAGGCCAAAGTTCCTCAGTCCGTGTGATAG  
 CCCGTGGACTGAGGATGAAATCTGGATCTTGCTGCAAGAGTGGGCAATGGTTGAATATGAACTCGGAGAC  
 CCAGGCAATAAGATGCATGCGAAGGCCAAGTCCCTTAGCAGACGCCTCTCTAATCGGGTCTGAGGAAGA  
 GCAAGAATAGCTGCCTTGATGTGATGGTGAAGATGAAGGACCTGCACACACGCTCTTTGTAACGAGAGGCC  
 CCGGGCTTACCGCTTGATTCGACTTATGAATGGATCCTGTACGAGATCTTGGGCCACCCAGATCCCGAG  
 GGAGGCTATGTGCCAGGTCTTGGTTTGTGGGCACGGTAACCCACCAGCTTCTATGCACCTTCCCTCT  
 GCATTGATGGTGCCATCTCTAGGCCCTTCTTAGCCCATGGACCGACCCTGAAATCAAGATCTTCT  
 GCAGGAGTGGCAAGTGGTTGAACGGGAATTTGGCCACCCAGGCCAGAAGATCAAGCAGAAGAGCAGTCTT  
 GTTTGCCAGCGTCTCTATCATCGAGGCCGTGTTCAAGGACATCAAAGCTGTTGGACCTGATGGACCA  
 TGAAGGATCTGCACTCCACTCTCAGTAGAGAGAGATCAAGGACTGTACCCTTGTCTCTCTTATAGAGA  
 TTATCTGAAAGGATCTTCGACCCCAAATGTCAGAGAGGCCATGTTCCAGGTGTTCAAGTATAATTGGTCT  
 GGTACCACAGGCCCTTCTCAAACCTCAAACCTCAAATGGTATGCCATCTCCTGTATACCAGCCTTGGG  
 ATTATGGCATGGCTGCATCTTCTGGTCACTTCCCTGGATCCCATTACTAATCATGTCCAGTCAGGACTT  
 ACTGGTCCCAGATGGGATGCCTGGAATGCCACCTATCCATTGCCAGTTCAACATGTATTCAGGCCCTCT  
 CTCCTGGAGACAACAACCTTTCAGCTGCCGTGGTACCTCGTATGAGAGCTCAAGTCTCAGTGA

**ACGGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001277575



<b>Insert Size:</b>	1116 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>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>NM_001277575.1, NP_001264504.1</u>
<b>RefSeq Size:</b>	1240 bp
<b>RefSeq ORF:</b>	1116 bp
<b>Locus ID:</b>	623197
<b>Cytogenetics:</b>	4 C3
<b>Gene Summary:</b>	This gene belongs to a family of related genes tandemly arranged in two clusters on chromosome 4. This family, which appears to be mouse-specific and composed of multiple highly similar members, is supported by limited transcript data. Members of the family maintain an intact open reading frame although the encoded protein has no known function. This gene is inferred from alignment of paralogous transcripts. [provided by RefSeq, Apr 2013]