

## Product datasheet for **MC227333**

### Gm11236 (NM\_001277531) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Gm11236 (NM\_001277531) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Gm11236  
**Synonyms:** OTTMUSG00000000280  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC227333 representing NM\_001277531  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGAATCTCACCGATTACCACGTCCAGCTACAGTATGAGAGAGAAGATAACCACGTCCAAAGTGTGAGAA  
ATGACAAAGAAGCCAATAGGAGGAGGAGGCTGAGCAAGAAGGCCAAAGTTCCTCAGTCCGTGTGATAG  
CCCGTGGACTGAGGATGAAATCTGGATCTTGCTGCAAGAGTGGGCAATGGTTGAATATGAACTCGGAGAC  
CCAGGCAATAAGATGCATGCGAAGGCCAAGTCCCTTAGCAGACGCTCTCTAATCGGGTCTGAGGAAGA  
GCAAGAATAGCTGCCTTGATGTGATGGTGAAGATGAAGGACCTGCACACACGCTCTTTGTAACGAGAGGCC  
CCGGGCTTACCGCTTGATTCGACTTATGAATGGATCCTGTACGAGATCTTGGGCCACCCAGATCCCGAG  
GGAGGCTATGTGCCAGGTCTTGTTGATGGGCACGGTAACCCACCAGCTTCTATGCACCTTCCCTCT  
GCATTGATGGTGCCATCTCTAGGCCCTTCTTAGCCCATGGACCGACCCTGAAATCAAGATCTTCT  
GCAGGAGTGGCAAGTGGTTGAACGGGAATTTGGCCACCCAGGCCAGAAGATCAAGCAGAAGAGCAGTCTT  
GTTTGGCAGCGTCTCTATCATCGAGGCCGTCAAGGACATCAAAGCTGTTGGACCTGATGGGACCA  
TGAAGGATCTGCACTCCACTCTCAGTAGAGAGAGATCAAGGACTGTACCCTTGTTTCTCCTTATAGAGA  
TTATCTGAAAGGATCTTCGACCCCAAATGTCAGAGAGGCCATGTTCCAGGTGTTCAAGTATAATTGGTCT  
GGTTACCACAGGCCTTCTCAAACCTCAAACCTCAAATGGTATGCCATCTCCTGTATACCAGCCTTGGG  
ATTATGGCATGGCTGCATCTTCTGGTCAGCTTCCCTGGATCCCATTACTAATCATGTCCAGTCAGGACTT  
ACTGGTCCCAGATGGGATGCCTGGAATGCCACCTATCCATTGCCAGTTCAACATGTATTCAGGCCTCT  
CTCCCTGGAGACAACAACCTTTCAGCTGCCGTGGTACCTCGTGATGAGAGCTCAAGTCTCAGTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001277531



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<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_001277531.1, NP_001264460.1</u>
<b>RefSeq Size:</b>	1240 bp
<b>RefSeq ORF:</b>	1116 bp
<b>Locus ID:</b>	100862015
<b>Cytogenetics:</b>	4 36.06 cM
<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]