

## Product datasheet for **MC221781**

### **AW551984 (NM\_178737) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	AW551984 (NM_178737) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	AW551984
Synonyms:	3222402N16
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC221781 representing NM\_178737  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGTGC GTTCTGGCGGCTTACTACTAGCATAAGAGATCCAGTGGCACTGAAGAGCATTGCTGTGACTC  
 TGCCATCAATGATTTTGTGGCTGGTGTCTGCAACCCATAACTATGAGAATGAAGAGAAATCACCCCT  
 GGAGGCCCTTTTGTGTTCCCATGGATGAAGATTCTGCTGTCTACAGCTTTGAGGCCTTTGTGGATGGG  
 AAGAAAATTGTGGCAGAACTTCAGGACAAGTACCAGGCCACAAAAGGTATGAAGAGGCCCTCTCTGGAG  
 GATATCAGGCCTACTTATTGGAGGAAGACAAGTGTCCCGGGATGTCTTCTGTTGCAATGTGGGAACT  
 GCAACCAGGGTCAAAAGTGTCACTGACCCTGAGATATGTGCAAGAACTCCCTTGAAGACGATGGGGCC  
 CTGCGTTATGTGCTCCAGCCATCCTGAATCCTAGATACCATCTCTCGATGGACGTGAGGACAGTAATC  
 TGGATATGAAGACCCCAATAGTCCCTTTGGAGGAATTGCCCTACACACTCAGCATGGTTGCCACTATCAG  
 CTCCAGCTTGGTATCAGTACAATCCAATCCAAGTGTCCCTTGAATCCCATTGAGTACACTGGAGATAAC  
 AAGACCTCAGCTCAGTTTCTTGGCTGAAGGACACAAATTTGACCGGGATGTGGAACCTCTGATTTTCT  
 ATAGGAAGGTGCACAGTCCGAGCGTAGCTGTGGAGATGGGGATGTCTGGAAGGCCATCAGATAGTTTAA  
 TGGAGCACCTTCTGCAATGGTGAGTTTCTACCCAGATATCCAGAAAGTGGAGACCACAACAAAATGTGGA  
 GAATTTGTGTTCCCTTATGGACCGTTCAAGAAGCATGAATAGCCCCATGAGTTCCAAGGACAAGTCTCAGC  
 TGAGAATAGATGCTGCCAAGGAAACTGATTCTGCTATTGAAGAGTTTGCCTTGGGCTGCTATTTCAA  
 CATCTATGGATTTGGAGCCACCCATGAGGAGTTCTTTCCAGACAGTGTGATGTACAATCAGGAAACCATG  
 CAGATGCTGTGAAGAAAGTAAAGCGTTTGTGGCGGATCTAGGAGGACTGAACTTTAAACCCACTAC  
 GGAAAATTTTAGGAAACCCCAATCCAGGGCATCCCTTACAGGTCTTTGTCTTCACTGATGGAGAAT  
 TGTTGAAAATTTAGTGTAAATCAGAGAAGTTATGTTCCAGAGCAAGAAGCACAGATGTTTCTCATTGGC  
 ATTGAGAAGGGCCCTCCACTAGCTTAATCAAGAACCTTGCCCGGTGTGAGGGGCACTGCAGAGTTTA  
 TCACAGGCAATGATAGGATGCAGTCCAAGGCCCTAGATCTCTGAGGCGTTCTTTACAGTCTGTAGTAGA  
 GGATGTCTCTGAGCTGGAATTTGCCTCCCAAGATGTTTGCACCTATGCTATCTCCAGAACAACTTCT  
 ATCTTTAGGGGTCAAAGGCTAATCATCTACAGCCTACTGATTGGAAAAATACAAAAGAAGAGGCAACCG  
 GTGAAGTGTGCTCTCATATAAGCTTCATGGTAAAAGTTATGAGGAAAAAGTGACATTTTCTCTACAGCC  
 AAAGCCTGATGACAACCTCACCATTACCGTCTTGCTGCAAAGTCCATGATCCAGTCAAAGACTTTGGC  
 TTCAAGGAGACGTCATAATGTATAAGAGAGATGTGCTGGACATCAGCCTAGAGTCTGGAGTCATGAGTT  
 CCTTTACAGCCTTTGTTGCCATCAACAAGGAGCTCAACGAGCCATCCAGGGGCCCTGGTGCATAGGGA  
 TATCCCAAGGCCTATTCTTGGGTGCAGTGCCTAATAGGCCCTCTGATGGTGGTTATCCAAAACCTTTA  
 TTCTGCGCCAGTCTCTGTAACCTGCTCCATGGCTGAAGGGCTCAGGAAAATGTGTTGCTACAATAC  
 TCATGCCAAATGGCACACCCCAACAGCGTCAGAACAGCCAGAAGAAGAAATGTGTGGTTCAACAGATAC  
 TCGCCCTGAGTTGCCCACTGGCTAAATATGACAGTTACCCACAAGGGAGTAAGGAGCATAGTATTGCA  
 CAGCTGATATATCTCCAGAATGCAGATGGTTCCTGGGATATGAATGAGGATTTAGCTAAGATTCTAAGTA  
 CTAGTTTGAAGACATCACAGCTGCATGCCCTACTGAGGTGTTAGAACCCTCAGCCTGGGCTACAATGCT  
 GGCCGTGATCTGGCTGCATGCCAATGGCAAGGAATTGAAGGACGAGTGGGAGCTTCTGGAAGAAAAGGCT  
 GTGGTTTGGCTTACAATAATTCAGTCCGTGGTTTCAACAAGCTTATACGTACTGCCAACAAAGCTTTGA  
 AGACATCTTTGAGCCCTCGATCTTCAAGTTA**AA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul  
**ACCN:** NM\_178737  
**Insert Size:** 2415 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_178737.5</a>, <a href="#">NP_848852.1</a></u>
<b>RefSeq Size:</b>	4293 bp
<b>RefSeq ORF:</b>	2415 bp
<b>Locus ID:</b>	244810
<b>Cytogenetics:</b>	9 A5.1