

## Product datasheet for **MC221981**

### Gm13693 (NM\_001177422) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Gm13693 (NM_001177422) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gm13693
Synonyms:	OTTMUSG00000013388
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC221981 representing NM\_001177422  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAAAAGTAGTGTGGCACACATGAAGCAGTCCTCTGGTCACAACAGAAGGGAGACCCACAGTTCATACT  
 GCCGGAGCTCCTCCCAGAAAGACAGATACACAGAGCAAGAGCGGTTCCCCGGGATAGAGATTACTCTGA  
 TTACAGCCGGTCAGACTATGAGCGATCTAGAAGAGGATACTCTTACGATGACAGCATGGAATCACGAAGT  
 AGGGACCGAGAAAAACGCAGAGAAAGAGAGAGATGCAGATCATCGAAAACGGCCCTGGAAATCGCCAT  
 CCCCCGACAGGAGTCCAGCCGAGGCATAAGGCAGAGTTCCTCAGGAAGAACCACATGGAAGAAGAA  
 GAAGGATGAGCTGGACCCGCTGCTACCCGCACTGGGGGAGCGTATATCCCTCCTGCGAAGCTCAGGATG  
 ATGCAGGAGCAGATCACAGATAAAAGCAGCTTAGCATATCAGAGGATGAGCTGGGAGGCTCTGAAGAAAT  
 CCATTAATGGTCTCATCAACAAGGTCAACATCTCTAATAATAAGCATTATTATCCAAGAGCTCCTTCAAGA  
 GAACATTGTCAGAGGGAGAGGATTGCTGTCCAGATCTGTTCTGCAAGCCAGAGTGGCTCTCCAATCTTC  
 ACTCACGTTTATGCAGCTTTGGTGGCAATAATCAACTCAAAATCCCACAGATTGGAGAATTGATCTCTCA  
 AGAGACTAATTCTTAATTTTCGGAAGGCTATCGAAGGAACGATAAGCAACTTTGCTGACTGCTTCAAA  
 ATTTGTGGCACATCTTATTAACCAAAATGTGGCACATGAGGTTCTGTGCCTGGAGATGCTCACTTTGCTC  
 CTGGAGAGACCAACAGATGACAGTGTGAAGTAGCTATCGGCTTCTCAAAGAGTGTGGTCTCAAATTAG  
 CCCAGGTGTACCAAGGGGAATTAATGCAATCTTTGAACGCCCTTCGAAACATCCTACACGAGTCTGAGAT  
 CGACAAAAGAGTTCAGTACATGATTGAAGTGTGTTGCTGTACGGAAGGATGGATTCAAGGACCACCT  
 GTTATTTCTGAAGGACTTGATTTAGTGAAGAGGACGATCAGTTTACACATATGCTCCCCCTAGAGGATG  
 ACTACAATCCAGAAGATGTTCTTAATGTTTTCAAGATGGATCTAATTTTTATGGAGAATGAAGAGAAGTA  
 CAAGGCTATTAAGAAAGAAATCCTTGATGAAGGAGACAGTGATTCAAACACAGACCAAGGAGCTGGAAGT  
 AGTGAAGATGAGGAGGAGGAAGAGGAGGAGGAAGAAGAGGAGGAGGAAGGAGAAGACGAGGAAGGAG  
 GGCAAAAAGTAACATTCATGACAAAACAGAAATCAACCTCGTCTCATTTGCGCGTACAATCTATCTTGC  
 CATTCAAGTCAAGTTAGATTTTGAAGAATGTGCACACAAGTTGCTGAAAAAGGAGTTTGCAGAGAGCCAA  
 ACAAAGAAGTCTGCAACATGATACTTGTGCTGTGCCAACAAAGGACCTATGAAAATTTTTTTGGCT  
 TGTTAGCTGGGCGGTTTTGTATGCTGAAAAGGAATACATGGAATCATTTGAAAGTATATCAAGGAACA  
 GTACGACACCATCCATCGCTTAGAGACAAACAAATGAGAAATGTTGCTAAGGTGTTTGTACCTTTTA  
 TACACAGATTCACCTCCATGGAGTGTCTCGAATGTATAAACTGAGTGAAGAGACCACGACATCGTCTA  
 GTCGAATTTTTGTCAAGATCTTCTCCAGGAAGTGTGAATACATGGGTCTTCTAAACTGAATGCGAG  
 GTTAAAGGATGAAACTCTCCAGCATTCTTTGAAGGTCTGTTACCCAGAGACAACCCACGCAATACTCGG  
 TTTGCCATCAACTTCTTCACTTCCATAGGTCTCGGAGGATTGACGGATGAACTGCGAGAACATCTGAAAA  
 ATACGCCCAAGGTATCGTAGCCAGAAACAGAAAGTGAACAAAAGAAAACAGCCCTGACATCTTCATC  
 TTCAGAGTCTTCTCGGCGTCTGATTCCTCTGACTCAGATTCTGACAGCAGCGAAAGCAGCTCAGAGTCC  
 TCTAGTGAAGCGAGCGACTCCTCCTCCTCCAGCACTCAGAGCTCTACCTCAGCTAAAGGTACAAGAA  
 AGAAGAGACAAGGAAGGCCAGAGGCCAAGAAGTTGATAAGTTAGCCAGGGGCCACCAGGCACTTGAGCG  
 GAGGCAAGGAGGCAGGGAGGCCAAAGGCACCAGGAAGGGAGGACTGAGAGAGCAAGGTCTGAAAGACAC  
 AGAGCTCAGAAGTACAGAGATGCAGACTGGAGAGATTCCCTAGCAAAGCACATAGATGACAGAAGCCATG  
 AGAATAGTCACAGCAGAGTTGGCAATGGCCGAGAACAAGGCTCACACAGAGAGCCAGAAGACAGGCATGG  
 CGAACCAAGAAGAAGCAGAGAGAGAAGAGATTCTTTCT**CTGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001177422  
**Insert Size:** 2493 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_001177422.1</a></u> , <u><a href="#">NP_001170893.1</a></u>
<b>RefSeq Size:</b>	3310 bp
<b>RefSeq ORF:</b>	2493 bp
<b>Locus ID:</b>	668100
<b>Cytogenetics:</b>	2 D