

## Product datasheet for **MC228038**

### **OTTMUSG00000016609 (NM\_001100416) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	OTTMUSG00000016609 (NM_001100416) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	OTTMUSG00000016609
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**Fully Sequenced ORF:** >MC228038 representing NM\_001100416  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGATTTAGTCACCTATGATGACGTGCATGTGAACCTCACTCAGGATGAGTGGCTTTGCTGGATCCTT  
 CTCAGAAGAGTCTCTACAAGGGTGTGATGCTAGAGACCTATAAGAATCTCACAGCTATAGGTTACATTTG  
 GGAAGAACATACGATTGAGACCATTTTCAAACCTCTCGAAGTCATGGAAGGCATGAAAGAAGTTGTTCT  
 GCAGAGCAACCCTCTGAGTTTATCAATGTGGTAAAGCCTTTGCATATGAGAGTGGTAGACAAAGGCATC  
 AAATTAACATAATGGAGAGAAACACCATGACTGTAACCAATGTGGTAAGGACTTTAGAACATGGAATGT  
 CCTGCAAATACATAAGCGAACACATACAGGAGAGAAACCCTATGACTGTAACAATGTGGTAAAGCTTTT  
 GCAAGAAGCTGTCATCTCCAAATACATAATCGAACACATGCAGGAGAGAAACAGTATGAATGTAACCAAT  
 GTGGTAAAGCTTTTAAAAGAAGGATTAACCTCCAAATACATAAGCGAACACATACAGGAGAGAAACCCTA  
 TGATGTAACCAATGTGGAAAAGCCTTTGCAAGTAGTGGTGAACCCAAAACCATAAACGAACACATACA  
 GGAGAGAAACCCTATGAATGTAAACAATGTGGTAAAGCCTTTTCCAAAGCAGTCATCTCCGAATACATA  
 AGCGAACACATACAGGAGAGAAACCCTATGAATGTAACCAATGTGGAAAAGCCTTTGCAAGAAGTGGTGA  
 CCTCCAAAACATAAACGAACACATACAGGAGAGAAACCCTATGAATGTAACAATGTGGTAAAGCCTTT  
 GCATAGCAGTCATCTCCAAACATGAGCGAACACATACAGGAGACAAACCCTATGAATGTAACAGT  
 GTGGTAAAGCCTTTGCAAGTAACTATACTCTCCAAATGCATAAGCGAACACATACAGGAGAGAAACCCTA  
 TAAATGTAACAATGTGGTAAAGCCTTTGCAAGTAACTATACTCTCCAAATGCATAAGCGAACACATACA  
 GGAGAGAAACCCTATAAATGTAAACAATGTGGTAAAGCCTTTGCAAGAAGCTGTCATCTCCGAATACATA  
 AGCGAACACATACAGGAGAGAAACCCTATGAATGTAACCAATGTGGTAAAGCCTTTGCAAGAAGCAGTAC  
 TCTCCAAATCCATAACCGAACACATACAGGAGACAAACCCTATGAATGTAACCAATGTGGTAAAGCTTTT  
 ATAACAAGGAGAGTCTCCAAATACATAAGGGAACACATACCGGAGAGAAACCCTATGAATGTAACCAAT  
 GTGGAAAAGCTTTTGCAGAAGTTGTGACCTCCAAAACATAAACGAACTCATACAGGAGAGAAACCCTA  
 TGAATGTAACCACTGTGGTAAAGCCTTTGCACAAAGCAGTTCTCTCCGAATCCATAAGCGAACACATACA  
 GGAGAGAGACAATATGAATGTAAC**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001100416
- Insert Size:** 1497 bp
- OTI Disclaimer:** 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- Components:** 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).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
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.

**RefSeq:** [NM\\_001100416.2](#), [NP\\_001093886.1](#)

**RefSeq Size:** 2592 bp

**RefSeq ORF:** 1497 bp

**Locus ID:** 668030

**Cytogenetics:** 2 H4

**Gene Summary:** DISCONTINUED: This record was removed by NCBI staff due to insufficient evidence.