

Product datasheet for **MC217110**

Gm14308 (NM_001099349) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gm14308 (NM_001099349) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gm14308
Synonyms:	OTTMUSG00000016254
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >MC217110 representing NM_001099349
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGATTTAGTCACCTATGATGACGTGCATGTGAACCTCACTCAGGATGAGTGGCTTTGCTGGATCCTT
 CTCAGAAGAGTCTCTACAAGGGTGTGATGCTAGAGACCTATAAGAATCTCACAGCTATAGGTTACATTTG
 GGAAGAACATACGATTGAAGACCATTTTCAAACCTCTAGAAGTCATGGAAGGCATGAAAGAAGTTGTTCT
 GCAGAGCAACCCTCTGAGTTTATCAATGTGGTAAAGCCTTTGCATATGAGAGTGGTAGACAAAGGCATC
 AAATTAACATAATGGAGAGAAACACCATGACTGTAACCAATGTGGTAAGGACTTTAGAACATGGAATGT
 CCTGCAAATACATAAGCGAACACATACAGGAGAGAAACCCTATGACTGTAACAATGTGGTAAAGCTTTT
 GCAAGAAGCTGTCATCTCCAAATACATAATCGAACACATGCAGGAGAGAAACAGTATGAATGTAACCAAT
 GTGGTAAAGCTTTTAAAAGAAGGATTAACCTCCAAATACATAAGCGAACACATACAGGAGAGAAACCCTA
 TGAATGTAACCAATGTGGAAAAGCCTTTGCAAGTAGTGGTGAACCCAAAACATAAACGAACACATACA
 GGAGAGAAACCCTATGAATGTAAACAATGTGGTAAAGCCTTTTCACAAAGCAGTCATCTCCGAATACATA
 AGCGAACACATACAGGAGAGAAACCCTATGAATGTAACCAATGTGGAAAAGCCTTTGCAAGAAGTGGTGA
 CCTCCAAAACATAAACGAACACATACAGGAGAGAAACCCTATGAATGTAACAATGTGGTAAAGCCTTT
 GCACATAGCAGTCATCTCCAAACATGAGCGAACACATACAGGAGACAAACCCTATGAATGTAACAGT
 GTGGTAAAGCCTTTGCAGTAATCTATACTCTCCAAATGCATAAGCGAACACATACAGGAGACAAACCCTA
 TGAATGTAACAATGTGGTAAAGCCTTTGCAGTAATCTATACTCTCCAAATGCATAAGCGAACACATACA
 GGAGAGAAACCCTATAAATGTAAACAATGTGGTAAAGCCTTTGCAAGAAGCTGTCATCTCCGAATACATA
 AGCGAACACATACAGGAGAGAAACCCTATGAATGTAACCAATGTGGTAAAGCCTTTGCAGAAAGCAGTAC
 TCTCCAAATCCATAACCGAACACATACAGGAGAGAAACCCTATGAATGTAACCAATGTGGTAAAGCTTTT
 ATAACAAGGAGAGTCTCCAAATACATAAGCGAACACATACCGGAGAGAAACCCTATGAATGTAACCAAT
 GTGGAAAAGCTTTTGCAGAAGTTGTGACCTCCAAAACATAAACGAACTCATACAGGAGAGAAACCCTA
 TGAATGTAACCACTGTGGTAAAGCCTTTGCACAAAGCAGTTCTCTCCGAATCCATAAGCGAACATACATA
 GGAGAGAGACAATATGAATGTAAC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001099349
- 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).
- 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_001099349.2](#), [NP_001092819.1](#)

RefSeq Size: 4538 bp

RefSeq ORF: 1497 bp

Locus ID: 100043381

Cytogenetics: 2