

Product datasheet for **MC219039**

Gm14391 (NM_001099308) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gm14391 (NM_001099308) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gm14391
Synonyms:	OTTMUSG00000016543
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC219039 representing NM_001099308
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGATTTAGTCACCTATGATGACGTGCAGGTGAACTTCACTCAGGATGAGTGGCTTTGCTGGATCCTT
 CTCAGAAGAGTCTCTACAAGATGTGATGCTAGAGACCTATAGGAATCTCACAGCTATAGTTACATTTG
 GGAAGAACATACGATTGAAACCATTTTCAACTTCTAGAAGTCATGGAAGGCATGAAAGAAGTTGTTCT
 GCAGAGCAACCCTCTGAGTTTATCAATGTGGTAAAGCCTTTGCATATGAGAGTGGTAGACAAAGGCATC
 AAATTAACATAATGGAGAGAAACACCATGACTGTAACCAATGTGGTAAGGACTTTAGAACATGGAATGT
 CCTGCAAAATACATAAGCGAACACATACAGGAGAGAAACCCTATGACTGTAACAATGTGGTAAAGTCTTT
 GCAAGAAGCTGTCATCTCCAAATACATAATCGAACACATGCAGGAGAGAAACAGTATGAATGTAACCAAT
 GTGGTAAAGCTTTGAAAAGAAGGAGTGACCTCCAAATCCATAAGCGAACACATACAGGAGAGAAACCCTA
 TGATGTAACCAATGTGAAAAGCCTTTGCAAGTAGTGGTGACCTCCAACAACATAAACGAACACATACA
 GGAGAGAAACCCTATGAATGTAAACAATGTGGTAAAGCCTTTTCAGAATGCAGTCATCTCCGAATACATA
 AGCGAACACATACAGGAGAGAAACCCTATGAATGTAAACAATGTGGTAAAGCCTTTGCACATAGCAGTCA
 TCTCCACAACATGAGCGAACACATACAGGAGACAAACCCTATGAATGTAACCAATGTGGTAAAGCCTTT
 GCAGTAATCTATACTCTCCAAATGCATAAGCGAACACATACAGGAGACAAACCCTATGAATGTAACCAAT
 GTGGTAAAGCCTTTGCAGTAATCTATACTCTCCAAATGCATAAGCGAACACATACAGGAGACAAACCCTA
 TGAATGTAACCAATGTGGTAAAGCCTTTGCAGTAATCTATACTCTCCAAAGGCATAAGCAAAACACATA
 GGAGAGAAACCCTATAAATGTAAACAATGTGGTAAAGCCTTTACAAGAAGCTGTCATCTCCGAATACATA
 AGCGAACACATACAGGAGAGAAACCCTATGAATGTAACCAATGTGAAAAGCCTTTGCAAGAAGTGGTGA
 CCTCCAAAACATAAACGAACACATACAGGAGAGAAACCCTATGAATGTAAACAATGTGGTAAAGCCTTT
 GCACATAGCAGTCATCTCCACAACATGAGCGAACACATACAGGAGACAAACCCTATGAATGTAACCAAT
 GTGGTAAAGCCTTTGCAGAAAGCAGTACTCTCCAAATCCATAACCGAACACATACAGGAGAGAAACCCTA
 TGAATGTAACCAATGTGGTAAAGCTTTATAACAAGGAGAGTCTCCAAATACATAAGCGAACACATACC
 GGAGAGAAACCATATGAATGTAAACAATGTGGTAAAGCCTTCGCAAGCAGTAGTGACCTCCAAAACATA
 AACGAACACATTCAGGAGCGAAACCCTATGAATGTAAACAATGTGGTAAAGCTTTGCACAAAGCAGTCA
 TCTCCGAATACATAAGCAAAACACATACAGGAGAGAGACCCTATGAATGTA**ACTAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001099308
- Insert Size:** 1665 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_001099308.2](#), [NP_001092778.1](#)

RefSeq Size: 2496 bp

RefSeq ORF: 1665 bp

Locus ID: 665001

Cytogenetics: 2