

## Product datasheet for **MC220051**

### Gm14151 (NM\_001097977) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Gm14151 (NM_001097977) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gm14151
Synonyms:	OTTMUSG00000015806
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC220051 representing NM\_001097977  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGAAGAGATGGCAAGTATGTCAGGACCTCAGGTCTAACACCTTTGAAGAAGCTGCCTAACAGAACT  
ATGAAATATTAACAACCTTTGGCCAAGGAACATTTGGGGATGAAAACTGGCGAACCATCTCGTACCCCA  
GACTAAGGTAGCAATAAAAAATCCTCCCCAAAACAGGAAAAACCCCTTGTCCAACCTGAAATTGAAATC  
ATGAAATCCCTTGACCATCCCCATATTATAAACTTTTACACATAATCGACACCACCAGAAAATTTTCA  
TCGTTCTGGAGCATGCTGTGGGAGGAGAGCTGATGAACAGAATTGAAGAGTTTGGCTATCTAGCAGAGGT  
GGAGTGCCACAGGCTGTTAAACAGCTGGTCTATGCCCTCCAGTATTGTCATGAGAAAGGGATTGCCAC  
AGGGATTTAAAGCCAGAAAACATTTTATTGGACCACAGAGGAAATGTAAGCTTACTGATTTTGGATTGG  
GCACCAAGATAATCATGGCCAGAAGCTGGTACGTTCTGTGGAACCTCCCTTACTGTGCCCCAGAAGT  
GTTTGAAGATAGAGGGTATGATGGCCGGGCCACTGATGTCTGGAGCTTGGGGTTGTGCTTATTTTATG  
GCCACAGGGTGCCTTCTTTCAATGGATATAGCTATGAAGCAATAAAGCAGAAGATCATTGCAGGAAAGT  
ACCTTAGGAGTTTCAGTCTGTCCACAGAAGCTTTGGGAGGTGATAGCCAAGTTGCTAACTGTCAACCTGG  
AGAGAGGCCAACAGTCCATGACATTGCCAGATTTAAGTGGCTAAAGCCTGACAACGAAGCTTCTCCCGCT  
TCTTTGGGAGAGAACATTGAGAGTACCCCGGACCCTCTATAATGGTACTCATGGGTGTCATGGGATACA  
ATCCAGGAGAGATAAGAGAAAGTTTGGGGGAGAAAAATTCGACCAGGTGATGGCTACTTATTTAATGCT  
CAAACAACAGTCAGCCTGGGAAAACAAGACAACAAAAAACAGATCCAAGGCTATGTGATAGAATGTTG  
AGAAGCACAGAGCCAACCATAAAAAACCAACAGCTGTAAGGAGGGCATCTAGTGTGCCTACACATTCCA  
CTTTTCAGTTTGGCCAATGAATCAGAAAGTCTTGAAGAGGAAAGAGAAGTACAATGAGCCACTCTATGCC  
ACCCACGCGGAAGTCTTCAACGAGGAGACAACCTCCACTCCACAGTATCTGCCCCAGCTTGTCCGAAG  
GCTCACTACAGGAGGAGCATCTGGGGGAGACAGAGATCAGTGACACCTCAGAAGAAAGCTCTACTGGAG  
AGTCTTTGGAACATCCATCACTGAAAATCCACACCCTCCAGACATCCATGGGTGTGTCCAAAGCTGGATC  
TACCTATTCAAAGAGCAAGGGTCTTCCAGTGTGTTTCTTCTCATACCTCTGTGGAAGAAGACCAG  
TGTGAGGGCACCAACATATCCAGAGAGATCAACCCACCTTTCCACAGTCTCGCTCAGGAGAAGCTCA  
TGGACAGCTCCACATTGTGACTACAGCTGGTCAATGGACATCATGAACACACAAGTTACATCACCTCC  
ATTCTCCAGGAAGGAGGCAAGGGTGGGGTCTGCTATACAACAGAGAGTCCAGACCATCTCCCCA  
AATACACTCCAGGACACCTCCATGGCAGGCATCAGACTGCGCCAGGCCCTTTCAAAGACGGGTCT  
GGAGGACCTGAGGAATGGTTTAAATCAGAGGCTGCGAAGTTTATGTTGCTGCCTGCCAATCGAAAAGAG  
AGTGACCCCGACCAACAACAGAGACCTGGCTGTGAGTCAAAGAGCCAGGGAGGTAGCCATGGTATCAGA  
GCATTTAGAGGCACTGTGCTCCCTGAAAAATGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001097977

**Insert Size:** 1923 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\\_001097977.1](#), [NP\\_001091446.1](#)

**RefSeq Size:** 2672 bp

**RefSeq ORF:** 1923 bp

**Locus ID:** 433486

**Cytogenetics:** 2 G3