

## Product datasheet for **MC216014**

### **Mss51 (NM\_029104) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Mss51 (NM_029104) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mss51
Synonyms:	4833444M15Rik; Zmynd17
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC216014 representing NM\_029104  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGCTCCTCGTTCACGGCGCGAAAGCACAAGAAACCCACCAGTGATTCCCATGATTGAAATCCCAC  
 CCACAGAAGTGTCTCCAGTATCTCCAGCCCTCTCAAACCTGGCCCTAGCATTGATGCACCTTGGCTTCAT  
 TTCCTTGACAATAATGTACCAGGTCTGTCCAGTTGATCCTCCAAAAGCTGAACATGAAAACTATGAA  
 GAATACAAGTTGGTGATAAATGGGGGAACCCAGTATCAAGCTTTGGATTTTCGATGTCAACAAGAAATGT  
 TCCAGAAGATGGAGGACACATTCAGATTCTGTGCTTATTGTAAAGTGCTCCCTCATGGCCTTTCCAATTG  
 CAAGTTCTCCGGCACTGTAAGAGGTGCAGAAATGTCTATTACTGTGATACAGAGTGCCAGAGGTGAGAT  
 TGGCCAGCACATAGGAAGTTTGTGAGAGCTCCGTCTTGTGGCTGTAGATCGTGTATGGAATGGCTTC  
 TGGTACAGGTGATTTTGTCTACCTCAGGACCTTGGCCATGGTACCTGAAGATATACAGAATTGGGA  
 TACCTGGTTTTCTATGAGGGTTTACAGCTAGAATCTACATTGAATGCTCTTCTGGGTAGTCACTCTATG  
 ACCATGCTTTGGCAAGTCTAGGAAGGCCACGGCCAGACCAGATGTCTTGCATGGCTCTTTGAAGCGGT  
 TGATGACAGATGTTCTGTACGGCCCTTGACCCTGGGCTTAGGGCTTCGGACTGTGGCAATAGATGTTGG  
 GAAGACTGGAGGAAGCACATTGCATGTGGTTGGTCTTCCACGTAGAGACATTTCTTATTCGTTCTGGA  
 GATTATGATGAGCTTGGCTACATGTTTCTGAACACCTTGGCTTTCATGTGATCATGGTGGGTGGGATG  
 TGGCTACTGACCTTTTACAGAGTTCTTCATCTTATCCTTGGAGCCTGGAACAATTCAGCTTAGTGGCCA  
 CAGGGCCCTGTATCATGACTTCTGGGAGGAGCAAATAGAGACTGGGATTCGGCCATCCAGATTTGGTG  
 GCTGCATTCCATCCAGGTTTCCATGCCTCCCAGGCTTGATGGAAGCTTGGTTACCCACCCTGCTGCTAC  
 TTCGTACTATGAGATTCCAACATTGATTACTGTTTACAGCCAACAGAACTGGAAGCCTCTTTGCAGAT  
 TCTGGTGAACCTGGATACACACATCATTGCTTGTGGAGCTAATCCTTTTCGCATCCCTCAAACAGAACAA  
 GTCTATTCTAATCCCAACAGCAACAGTATACAGCAGTGCCTACTACATCATGTTTCTTGGAAATTCCC  
 CTGCCAAT**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_029104

**Insert Size:** 1341 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\\_029104.1](#), [NP\\_083380.1](#)  
RefSeq Size: 1829 bp  
RefSeq ORF: 1341 bp  
Locus ID: 74843  
UniProt ID: [Q9D5Z5](#)  
Cytogenetics: 14 A3