

## Product datasheet for MC201433

### H2-M3 (NM\_013819) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** H2-M3 (NM\_013819) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** H2-M3  
**Synonyms:** H-2M3; Hmt; M3a; MuprM3; MuprM301; MuprM302; R4B2  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC031984 sequence for NM\_013819  
 CAGGGCTACCACGGGAAGGATGGGGTCCTCAAGCAACTGCGCTCTCTGCACATGGTGGTGGTCTCTTTG  
 GCTGTTACCCAAACAGGTTCTGGCTCACATTCAGTGCCTATTTCCACACTGCGGTGTCACGGCCGGCC  
 GTGGGGAGCCCCAGTATATCTCTGTGGCTATGTTGACGACATGCAGTTTCAGCGCTGTGATAGCATTGA  
 GGAAATCCGAGGATGGAGCCTCGTGCACCTTGGATGGAGAAGGAAAGACCAGAGTACTGGAAGGAGCTG  
 AAAGTCAAGGTCAGAACATTGCACAAAGTGCCAGAGCAAACCTTCGGACCCTGCTCCGCTACTACAACC  
 AGAGTGAAGGCGGCTCTCACATCCTGCAGTGGATGGTTTCTGTGAGGTAGGGCCAGACATGCGCCTTCT  
 TGGAGCCCACTATCAGGCTGCGTATGATGGCTCAGATTACATCACCTGAATGAAGACCTGAGCTCCTGG  
 ACTGCAGTGGACATGGTGTCTCAGATCACGAAGAGCCGTTTAGAGTCAGCTGGCACAGCAGAGTACTTCA  
 GGGCCTATGTGGAGGGAGAGTGCCTGGAGCTGCTCCACAGATTCCTGCGAATGGCAAGGAGATTCTTCA  
 GCGAGCAGATCCCCAAAGGCACATGTGGCCCATCACCCGAGACCCAAAGGTGATGTTACCTTGAGGTGC  
 TGGGCTCTGGGCTTCTACCTGCTGACATCACCTGACCTGGCAGAAGGATGAAGAGGACCTGACCCAGG  
 ACATGGAGCTTGTGAAAACGAGGCTTCAGGGGATGGAACCTTCCAGAAGTGGGCAGCTGTGGTGGTGCC  
 TTCTGGAGAGGAGCAGAGATACACATGTTATGTGCACCATGAGGGGCTAACCGAGCCCTTGCCCTGAAA  
 TGGGGAAGATCGTCTCAATCATCTGTGTCATCATGGTATCGTTGCTAGTCTGGTTCTCCTGGGAGGTG  
 TGATCACTATTGTTGGTGTGCAAGAGGAGGGGTGCAGGGGAAAGATGAATCAGTTATACTCAGACTGC  
 CAGCAGGAACAGTGATTAAGTTCTGATGCTTCTTCCACATTTAGAAAAGTTGGCATCTCATGGTGTGTCT  
 CCTGTGACACAGTGTGACAAAGTGAGCAGCCAGGGCATCCCTGAGGACTGAGTCTCCTCTCCATACT  
 GTGTCTCCTCTTTTCTCACCTGTACCACAGGGGATCCAGGACTTCTTATCCCTGTGGAACTTTAGG  
 TTTCTATGGGCAGCTTCTTCCCTATTGAAAAATAAGGATGTAGATATAGCTTTATTATTATTATTAT  
 TTTACCTTCTCGATAAAAAGCTGTACTTCTGCTGTTAAAAGTGTAAAGTTTGTACATTGGAAGGAAATA  
 AACATGAAAACCTCACAAAAA

**Restriction Sites:** RsrII-NotI  
**ACCN:** NM\_013819  
**Insert Size:** 1011 bp



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">BC031984</a></u> , <u><a href="#">AAH31984</a></u>
<b>RefSeq Size:</b>	1431 bp
<b>RefSeq ORF:</b>	1011 bp
<b>Locus ID:</b>	14991
<b>Cytogenetics:</b>	17 19.16 cM