

## Product datasheet for MC200306

### H2 (BC003819) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** H2 (BC003819) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** H2  
**Synonyms:** 27b; H-2T17; H-2T22; H2-T17; T22b  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC003819  
GCAAGAAGGTGCAGGATGTAGGCCCTGCAGAATTGTCAGACCCAGTGGCGGCTTTTGCCACTGGAAGAATT  
TCCAACATAAAACAGAGGATCAGTTTGGGACAATCGATTCTGCGACCAGAGTTTATAAAGCTGTCCAAGA  
TCTGCCAGTCCCAGATGTCCTGGGTCCTCAGGGCCGCTGTGGTCTGCGCCCTTCTCCTGCAGCTGGATG  
CCAGACCATCCTGGACTCGGATCCCTTTGGGTTACACTCGCTTAGGTATTTCTACACCGCTGTGTCCCG  
GCCTGGCCTTGGGGAGCCCTGGTTCATAATCGTCGGCTATGTGGACGACATGCAGGTCCTGCGCTTCAGC  
AGCAAGGAGGAGACTCCGAGGATGGCACCTGGCTGGAGCAGGAGGAAGCAGATAACTGGGAGCAGCAGA  
CTCGTATAGTCACAATCAAGGACAGCTGTCTGAAAGGAATCTGATGACCCTGGTTCATTTTTACAACAA  
GAGCATGGACGACTCTCACACACTACAGTGGCTGCAAGGCTGCGATGTGGAGCCAGATCGGCACCTGTGT  
CTCTGGTACAACCAGCTCGCCTATGATAGCGAGGATCTCCCCACCCTGAACGAAAACCAAGTTCCTGTA  
CAGTGGGAAACAGCACTGTACCTCACATCTCTCAGGACCTGAAGAGCCACTGCTCAGATCTGCTGCAGAA  
ATACCTGGAAAAAGGGAAGGAGAGGCTGCTGCGTTTCAGACCCCTCCAAAGGCACATGTGACCCGTCACCCC  
AGACCTGAAGGTGATGTACCCCTCAGGTGTTGGGCCCTGGGCTTCTACCTGCTGACATCACCCCTGACCT  
GGCAGTTGAATGGGGAGGAGCTGACCCAGGACATGGAGCTTGTGGAGACCAGGCCGTCAGGGGATGGAAC  
CTTCCAGAAGTGGGCAGCTGTGGTGGTCCCTTTGGGAAAGAGCAGAGTTACACATGCCATGTGTACCAT  
GAGGGGCTGCCTGAGCCCTCATCCTGAGATGGGTGGGAGAGGAAGGCGTGACACCCAAGAAGCAGGCA  
GAGACAGTCCCCAAGACTCTAGCAAGACTGTTGTGGATGATGAGGAGATGGGGGTTGCTTTTGGAAAGT  
TAAGTCCTGTAAAACCTTGTCTAGGCCACTCCCCAGGAACCTCAGTTGGCGAGTCTTTACTGTCACCTTGA  
CTGGATTTAGGATCATCTGGGAGATGCCCTTTGAGTGGCTGGGCTGTGAGGACAGCAGGCCAGTTCTTG  
CCACCCTGGACAGAAACACATCTCACCTTTCTGGCTCAAGGATCTGAACACCTGTCTCTTGCTACTCGG  
CTTCTAGTCAGGATTTTGTACCTTGTCAAGGTCACAGGGACACAAAGCTCCCTCCTCTCACCCACAG  
CACTCTGGGTCCTACCCTCAGTGCCTCAGGACATTTAATCAGGTCAAATGGGATCAATGGCTTTGATG  
CAGAAAAGAACTGTGGACTAATAGAGATAGGGTTAATTAATAAATAATATCTTTTAAATTTAAAAA AAAAAA

**Restriction Sites:** RsrII-NotI  
**ACCN:** BC003819



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<b>Insert Size:</b>	1035 bp
<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="#">BC003819</a></u> , <u><a href="#">AAH03819</a></u>
<b>RefSeq Size:</b>	1547 bp
<b>RefSeq ORF:</b>	1035 bp
<b>Locus ID:</b>	15039
<b>Cytogenetics:</b>	17 18.87 cM