

## Product datasheet for MC208634

### H2-Q1 (NM\_010390) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** H2-Q1 (NM\_010390) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** H2-Q1  
**Synonyms:** 15006; H-2Q1; Q1; Q1b; Q1d; Q1k; Qa-1; Qa1; Qed-1  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC208634 representing NM\_010390  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGCACTGGGAAGGCTGCTCCTGCTGCTGGCAGCCGCCCTGACCCTGACCAAACCGGAGCGGGCTCAC  
 ACTCGTGC GGATTTTCGAGACCTCGGTGTCCCGCCCGGCTTCGGGAAGCCCGGTTTCATCTCTGTCCG  
 CTACGTGGACGACACGCAGTTTGTGCGCTTCGACAGCGACGCGAAGAATCCGAGATATGAGCCGCGGGCG  
 CCGTGGATGGAGCAGGAGGGCCGGAGTATTGGGAACGGAACACACGGAGAGTCAAGGGCAGTGAGAAGA  
 GATTCCAAGAGAGCCTGAGCACCTGCTCAGCTACTACAACCAGAGCAAGGGCGGCATTCACACCTTCCA  
 GAAGTTGTCTGGCTGTGATCTGGGGTCAGATGGGCGCCTTCAAAGCGGGTACCTGCAGTTCGCCTATGAT  
 GGCCTTGATTACATCGCCCTGAATGAAGACCTGGAAACCTGGACAGCAGCAGATGTGGCAGCTCAGGAAA  
 CCCGACGCAAGTGGGAGCAGGCTGGTGTGCTGAGAAACACAGGACCTACCTGGAGGGCAAGTGCCTGAT  
 GTGGCTCCACAGATACCTGGAGCTCGGGAAGGAGATGCTGCTGCGCACAGACCCCAAGGCACATGTG  
 ACTCATCACCCAGATCTCAAGGTGATGTACCCTGAGGTGCTGGGCCCTGGGCTTCTACCCTGCTGACA  
 TCACCCCTGACCTGGCAGTTGAATGGGAGGAGCTGACCCAGGACATGGAGCTTGTGGAGACCAGGCTGC  
 AGGGGATGGAACCTTCCAGAAGTGGCATCTGTGGTGGTGCCTTGGGAAGGAGCAGAATTACACATGC  
 CATGTGTACCATGAGGGCTGCCTGAGCCCTCACCTGAGATGGGAGCCTCCTCCATACACTGTTTCCA  
 ACATGGTAATCATAGCTGTTCTGGTTGCTTGGAGCTGTGATAGTCATTGGAGCTGTGGTCATCATTGG  
 AGTTATGGTGTCTTTTGTGATGAAGAGGAGGAGAAACAAAGGTGGACAAGGAGAGGACTGTGCTCTGGCT  
 CCAAGCAGGGACAGCGCCAGAGCTCTGATATCTCTCTCTAGATTGTAAGCATGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_010390



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<b>Insert Size:</b>	1107 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>NM_010390.3, NP_034520.2</u>
<b>RefSeq Size:</b>	2044 bp
<b>RefSeq ORF:</b>	1107 bp
<b>Locus ID:</b>	15006
<b>Cytogenetics:</b>	17 18.63 cM