

Product datasheet for **MC217706**

H2 (BC099472) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: H2 (BC099472) Mouse Untagged Clone
Tag: Tag Free
Symbol: H2
Synonyms: Qa-1, Qa1, Qed-1, 37b, 37c, T18c, T18c(37), T23b, T23d, C920025E04Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >BC099472
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTTGCTTTTTGCCCACTTGCTTCAGCTGCTGGTCAGCGCCACAGTCCCGACCCAGAGTAGCCACACT
CGCTGCGGTATTTACCACCGCCGTGTCCCGCCCGCCCTCGGGAGCCCGTTTCATCATTGTCGGCTA
CGTGGACGACACGCAGTTCGTGCGCTTCGACAGCGACCGGAAAATCCGAGGATGGAGCCTCGGGCGCG
TGGATTGAGGAGGAGGGCCGGAGTATTGGGAGCGGGAGACTTGGAAAGCCAGGGACATGGGAGGAACT
TCAGAGTAAACCTGAGGACCCTGCTCGGCTACTACAATCAGAGTAACGACGAATCTCACAGCTGCACTG
GATGTACGGCTGCGACGTGGGGCCCGATGGGCGCCTGCTCCGCGGTATTGTCAGGAGGCCTACGATGGC
CAGGATTACATCTCCCTGAACGAGGACCTGCGTTCCTGGACCGCAATGACATAGCCTCACAGATCTCTA
AGCACAAGTCAGAGGCAGTCGATGAGGCCACCAACAGAGGGCATACTGCAAGTCTTTCGCTGGAGTG
GCTCCATAGATACCTACGGCTGGGAAATGAGACTGCAGCGCTCAGGTGCCCTGGAGAGCTCTCCTCAC
TTTTCTCTGCGTTTGGGGAAATCCTTGAGGTATAACCTCAGGGCAGAACGCTGTTACGCGGGCACA
GCGCGGAGGAGGGAGAGGGACTCCAAAACCTGCTTTCCCTGTAGGGATTCTAATATTTAA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: BC099472
Insert Size: 765 bp



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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:	<ol style="list-style-type: none">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:	BC099472 , AAH99472
RefSeq Size:	2015 bp
RefSeq ORF:	764 bp
Locus ID:	15040
Cytogenetics:	17 18.86 cM
Gene Summary:	Involved in the presentation of foreign antigens to the immune system.[UniProtKB/Swiss-Prot Function]