

Product datasheet for MC208639

H2-T23 (NM_010398) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: H2-T23 (NM_010398) Mouse Untagged Clone
Tag: Tag Free
Symbol: H2-T23
Synonyms: 37b; 37c; H-2T23; H2-Qa1; Qa-1; Qa-1(b); Qa1; Qed-1; T18c; T18c(37); T23b; T23d
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC208639 representing NM_010398
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTTGCTTTTGGCCACTTGCTTCAGCTGCTGGTCAGCGCCACAGTCCCGACCCAGAGTAGCCACACT
 CGCTGCGGTATTTACCACCGCCGTGTCCCGGCCCGCCTCGGGAGCCCGGTTTCATCATTGTCGGCTA
 CGTGGACGACACGCAGTTCGTGCGCTTCGACAGCGACCGGAAAAATCCGAGGATGGAGCCTCGGGCGCGG
 TGGATTGAGCAGGAGGGCCGGAGTATTGGGAGCGGGAGACTTGGAAAGCCAGGGACATGGGGAGGAACT
 TCAGAGTAAACCTGAGGACCCTGCTCGGCTACTACAATCAGAGTAACGACGAATCTCACAGCTGCAGTG
 GATGTACGGCTGCGACGTGGGGCCCGATGGGGCCCTGCTCCGCGGGTATTGTCAGGAGGCCTACGATGGC
 CAGGATTACATCTCCCTGAACGAGGACCTGCGTTCCTGGACCGCAATGACATAGCCTCACAGATCTCTA
 AGCACAAGTCAGAGGCAGTCGATGAGGCCACCAACAGAGGGCATACTGCAAGGTCCTTGCCTGGAGTG
 GCTCCATAGATACCTACGGCTGGGAAATGAGACTGCAGCGCTCAGACCCTCCAAGGCACATGTGACC
 CATCACCTAGATCTGAAGTGAAGTACCCTGAGGTGCTGGGCCCTGGGCTTCTACCCTGCTGACATCA
 CCCTGACCTGGCAGTTGAATGGGGAGGAGCTGACCCAGGACATGGAGCTTGTGGAGACCAGGCCTGCAGG
 GGATGGAACCTTCCAGAAGTGGGAGCTGTCGTGGTGCCTCTGGGAAGGAGCAGTATTACACATGCCAT
 GTGTACCATGAGGGCTGCCTGAGCCCTCACCTGAGATGGGAGCCTCCTCCATCCACTGTCTCCAACA
 TGGTAATCATAGCTGTTCTGTTGCTCTGGAGCTGTGATCATCCTTGGAGCTGTGGTGGCTTTTGTGAT
 GAAGAGGAGGACACATAGGTGTAAGGATGCTATGCTCATGTTCTAGGCAGCAAGAGCTTCCAGACC
 TCTGACTGGCCTCAGAAGGCATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_010398



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Insert Size:	1074 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:	<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:	<u>NM_010398.3, NP_034528.1</u>
RefSeq Size:	1317 bp
RefSeq ORF:	1074 bp
Locus ID:	15040
UniProt ID:	<u>P06339</u>
Cytogenetics:	17 18.86 cM
Gene Summary:	Involved in the presentation of foreign antigens to the immune system.[UniProtKB/Swiss-Prot Function]