

Product datasheet for **MC208637**

H2-Q7 (NM_010394) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: H2-Q7 (NM_010394) Mouse Untagged Clone
Tag: Tag Free
Symbol: H2-Q7
Synonyms: H-2Q7; Ped; Q9; Qa-2; Qa-7; Qa7
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC208637 representing NM_010394
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCTCTAACAATGCTGCTCTTGCTGGTGGCGGCCCTGACCCTGATCGAGACCCGCGGGCCAAC
ACTCGTGCATATTTCCACACCGCTGTGTCCCGCCCGCCTCGGGAGCCCTGGTTCATCTCTGTCCG
CTACGTGGACGACACGCAGTTCGTGCGCTTCGACAGCGATGCGGAAAATCCGAGGATGGAGCCGCGGGC
CGGTGGATGGAGCAGGAGGGCCGAGTATTGGGAGCGGAGACACAGATCGCCAAGGGCCATGAGCAGA
GTTTCCGAGGGAGCCTGAGGACCGCACAGAGCTACTACAACAGAGCAAGGGCGGCTCTCACACTCCA
GTGGATGTATGGCTGTGACATGGGGTCCGACGGGCGCCTCCTCCGCGGTACCTGCAGTTCGCCTATGAA
GGCCGCGATTACATCGCCCTGAACGAAGACCTGAAAACGTGGACGGCGGTGGACATGGCGGCACAGATCA
CCCGACGCAAGTGGGAGCAGGCTGGTATTGCAGAGAAAGACCAGGCTACCTGGAGGCACGTGCATGCA
GTCGCTCCGACAGATACCTGCAGCTCGGGAAGGAGACGCTGCTGCGCACAGATCCCCAAAGGCACATGTG
ACCCATCACCCAGGCTTATGGTGTGTACCCTGAGGTGCTGGGCCCTGGCTTCTACCCTGTCGACA
TCACCCGACTTGGCAGTTGAATGGGAGGAGCTGACCCAGGACATGGAGCTTGTGGAGACCAGGCTGC
AGGGGATGGAACCTTCCAGAAGTGGCATCTGTGGTGGTCCCTTGGGAAGGAGCAGAATTACACATGC
CATGTGAACCATGAGGGCTGCCTGAGCCCTTACCCTGAGATGGGGAGATGGGAGCCTCTCCATAACA
CTGTCTCCAACATGGCGACATTGCTGTTGTGGTTGACCTGGAGCTGTGGCCATCATTGGAGCTGTGGT
GGCTTTTGTGATGAATAGGAGGTGA

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_010394



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Insert Size:	1005 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:	NM_010394.4 , NP_034524.3
RefSeq Size:	1536 bp
RefSeq ORF:	1005 bp
Locus ID:	15018
UniProt ID:	P14429
Cytogenetics:	17 18.67 cM
Gene Summary:	<p>Involved in the presentation of foreign antigens to the immune system.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>