

Product datasheet for **MC215048**

H2-Q4 (NM_001143689) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: H2-Q4 (NM_001143689) Mouse Untagged Clone
Tag: Tag Free
Symbol: H2-Q4
Synonyms: H-2Q4; H2-Gs10; Qa-4; Qa4; Qat-4; Qb-1; Qb1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC215048 representing NM_001143689
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCGTCAACAATGCTGCTTCTGCTGGTGGCAGTCGCCAGACCCTGATCGAGATCCGCGCGGCCCGC
GCCCTGCTCCCTCCCGGCCGCTACCCGCCGGGGTCCCGAAGGAGTTCGGGGTCTCACCGCCCT
GCCTCCAGGCCACACTTGTGAGTTATTCTACACCTCCGTGTCCCGGCCGGCCTTGGGGAGCCCGG
TTCATCTCTGTGCGTTAGTGGACAACACGGAGTTCGTGCGCTTCGACAGCGACGCGGAGAATCCGAGAT
ATGAGCCGCGGGCACCGTGGATGGAGCAGGAGGGCCGGAGTATTGGGAGCGGAAAACACAGAAAGCCAA
GGGCAATGAGCAGATTTCCGAGTGAACCTGAGGACCCTGCTCAGCTACTACAACCAGAGCGCGGGCGGC
TCTCACACTATTCAGGTGATCTCTGGCTGTGAAGTGGGGTCCGACGGGCGCCTCTCCGCGGGTACCAGC
AGTTCGCTACGACGGCCGCGATTACATCGCCCTGAACGAAGACCTGAAAACGTGGACGGCGGGGACAT
GGCGGCACAGATCACCCGACGCAAGTGGGAGCAGGCTGGTGTACAGAGAAAAGCAAGGCCTACCTGGAG
GGCGCGTGCCTGCAGTCCCTCCGAGATACCTGGAGCTCGGGAAGGAGACGCTGCTGCCACAGATCCTC
CAAAGGCACATGTGACATGTACCACAGATCTGACGGTGTGTCACCCTGAGGTGCTGGCCCTGGGCTT
CTACCCTGCTAACATCATCCTGACCTGGCAGTTGAATGGGGAGGAGCTGACCCAGGACATGGAGCTTGTG
GAGACCAGGCCTTCAGGGGATGGAACCTTCCAGAAGTGGGCATCTGTGGTGGTGCCTCTTGGGAAGGAGC
AGAATTACACATGCCATGTGCACCATGAGGGGCTGCCTGAGCCCTCACCTGAGATGGGAGCCTCCTCC
ATCCACTGTCTCAACATGGCGAACGTAGCTGTTCTGTTGCTCTGGAGCTTGGCCATCATTGCAGCTG
TGGTGGCTTTTGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001143689



Insert Size:	1065 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_001143689.1, NP_001137161.1</u>
RefSeq Size:	1793 bp
RefSeq ORF:	1065 bp
Locus ID:	15015
Cytogenetics:	17 18.65 cM