

Product datasheet for MR212246

H2-M9 (NM_008205) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	H2-M9 (NM_008205) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	H2-M9
Synonyms:	M9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR212246 representing NM_008205 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGAAGCTTTGAATCCCAGCCTCTCCTCCTGCTGTTTCATGGTCACCTTGGTCATCGCAAAGCATCCAA
ATGGTTCACACTCTGAGATTTGTGTCCACCTTCTTATCATGGCCTCGACATCTGGAGTCGAGTTTAT
CTTTCTCATCTATGTGGATGAAACACAGATCATGGGATCAACAGTATATCAGAGAGTCAGAGGATGGAG
AGTCGGTACCATGGTTGAATGAGCTAAATGCAGAGTTTTGGGAGTTGGCAACACAGGATGTCCTGAAAG
AAAAAAGCTTCGTGACAGGAATTATGAACAAATGCTCCACATCTATAATGATAGCATGACTGGATATCA
CATAATCCAGGAAACATATGGCTGCCAAGTCAAGCAGAGAACGTAAGTTCAGTCACGCCTTATGGAATTA
TTATTCGATACACATGATTACATCACACTGAATGAGGATCTGCAAACATGGAGAGCGGTTGGCAAGGCAG
CTGAGATAGTTAAGGAAGAGTGGGAGAAAATAAATCTTGTAAAGTCGTCAAAGTCTTTCTGCTGGGTGC
ATGTGTGGAGGGCTCCTTCAATACCTGAACCTTGGGAAGAAGTATTTGCTGAGAACAGACCCCTAAA
ATACACATGACCTATAAGATCAGACCAGATAGGAAAATCACCTGAGGTGCTGGGCTTCAACTTCTACC
CACCTGAAATCACCTAACCTGGCAGAGGGATGGAAGCAACCAGACCCAGGACATGGAGGTGATAGAGAT
CAGGCTTCTGGTGATGGAACCTTTAGAAATGGCAGCTGTGGTGTCTTCTGGAGAAGAGCATAGA
TACACATGCCATGTAATCATGAGGGGCTATCTGAGCCTGTACCCTGAGATGGGATCCTCCTGAACCCA
CCATCCCCTTCTGCCTATGATTATTGCTCTGGTTCTTGGGGCTCTGCTTATGGGATCAGTGACTTT
TCTTATATGGAAGAGAAGGACTAGAGGTAAGAAAGGGTCATGGTCT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR212246 representing NM_008205
Red=Cloning site Green=Tags(s)

MKNFESQPLLLLFMVTLVIAKHPNGSHTLRFVSTFLSWPRHLELQFIFLIYVDETQIMGFNSISESQRME
 SRVPWLNELNAEFWELATQDVLKEKSFVTGIMNKLLHIYNDMSMTGYHIIQETYGCQVKQRTYFSHAFMEL
 LFDTHDYITLNEDLQTRAVGKAAEIVKEEWEKINLVKSSKSFLLGACVEGLLQYLNFGKKYLLRTDTPK
 IHMTYKIRPDRKITLRCWAFNFYPPEITLTWQRDGSNQTQDMEVIEIRPSGDGTFQKWAAVVSSGEEHR
 YTCHVNHEGLSEPVTLRWDPPEPTIPFLPMIIALVLGALLMGSMVTFLIWKRRTRGKKGSWS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/ja1523_g09.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_008205

ORF Size: 1026 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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:**
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_008205.1](#), [NP_032231.1](#)

RefSeq Size: 1029 bp

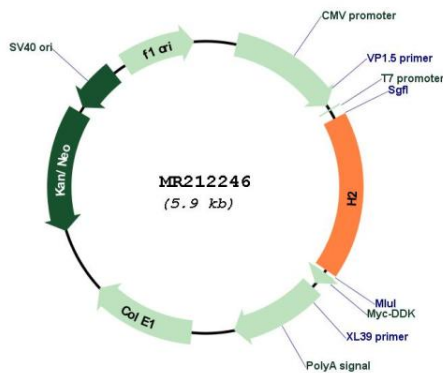
RefSeq ORF: 1029 bp

Locus ID: 14997

Cytogenetics: 17 19.16 cM

MW: 40.3 kDa

Product images:



Circular map for MR212246