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Product datasheet for MC212736

H2-M10.5 (NM_177637) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	H2-M10.5 (NM_177637) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	H2-M10.5
Synonyms:	6.9H
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

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>MC212736 representing NM_177637
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAGGAACCCTGGATGCTGCACACTCCTCCTCCTCTTGGTGGCCATGGACCTGATCCAGTATTGTGCAG
GCTCACACTGGCTGCAGACTTTCAACGCTGTGATTTTGGAGCCTGGCATGGTTAATTCCCGGTTCGTCCA
CATTGGCTATGTAGACTCTATAGAGTATCAGAGATATGACAGCAAAGAACCAATTGCAGTTTTGCTACCT
CGGGTTGCATGGATGGAGCAGGTGCCAATGACATATTGGACCAGTGAGACAGCAAGCGTTGCGGAATTGT
CACAGCTAGACAGACGAATTCTTCACTTCATGGTGAACAAAAATGAACAAAGAATGGACGATTATCACAC
CCTGCAGGAAGTGTATGGCTGCAATGTGGCTAATGATGGGAGCTTCCTCGGCGGTCACTTCCGGCTCACC
TACTATGGCTATGATGACTTATACCTGAATGAGAACCTGAGCTCCTGGATTGCACATGGAAACGCAGCTG
AATATGTGAAGAGCAGGTGGGACGGTGAAGGTGATGCAGAAAGGTGGAAGACTTACCTGCAAGGAGTGTG
CGTGGAAAGGCTTCTTAGATACATGGTCCTTGGAAAGGAAGCATTGCTGCGCTCCGATGCCCCCCGAACA
CATGTGACCCACCATGTAAGACCTGAAGGGAATGTCACCCTGAGGTGCTGGGCCCTGGGCTTCTACCCAG
CTGACATAACCATGACTTGGAAGAGGGATGGGAACAACCACACCCAAGACATGGAGCTGCCAGACACCAG
GCCTGCAGGGGATGGAACCTTCCAGAAGTGGGCAGCTGTGGTGGTTCCTTCTGGAGAAGAGCTGAGATAC
ACATGTCATGTGCACCATAAAGGGTTACCTGAGCCTCTCAAGCTGAAATGGGAGCCTCCACACACCATCC
CCATCATAGCAATTCTCATCGGCCTGGTTCTTGGAACTTTGGTGGTGGGAACTGTGGTCATTTTTCTGGT
GTGGAAGAAATAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA
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Restriction Sites: SgfI-MluI

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ACCN:	NM_177637
Insert Size:	993 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:	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_177637.3, NP_808305.2
RefSeq Size:	1403 bp
RefSeq ORF:	993 bp
Locus ID:	224761
Cytogenetics:	17 19.16 cM

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