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Product datasheet for MC212433

H1f8 (NM_138311) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	H1f8 (NM_138311) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	H1f8
Synonyms:	C86609; H1; H1-8; H1.8; H1f; H1fo; H1foo; H1oo
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC212433 representing NM_138311 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGGCTCCTGGGAGTGTCTCCAGTGTTTCTTCCTCCTCTTTTCCCTCCAGGGACACATCCCCTTCTGGAT CATGTGGGCTCCCTGGAGCTGACAAGCCAGGTCCAAGTTGCCGCAGAATCCAAGCAGGCCAAAGGAACCC AACAATGCTGCACATGGTGCTAGAGGCTTTGAAGGCCCGGGAGGCACGCCAGGGCACATCAGTTGTAGCC ATCAAGGTCTACATCCAACACAAGTACCCGACAGTGGACACCACCCGTTTCAAGTACCTGTTGAAGCAAG CTCTGGAAACTGGCGTTCGTCGAGGCCTCCTCACCAGGCCTGCTCACTCCAAGGCCAAGGGTGCCACTGG CAGCTTCAAACTAGTTCCAAAGCCCAAGACAAAGAAAGCCTGTGCCCCCAAAGCCGGCAGGGGAGCTGCA GGTGCCAAGGAGACAGGCTCCAAGAAATCTGGATTGCTGAAGAAAGACCAAGTTGGCAAGGCCACGATGG AGAAAGGGCAGAAGAGGAGGGCTTACCCTTGCAAGGCAGCCACACTGGAGATGGCACCTAAGAAAGCCAA GGCGAAACCGAAAGAGGTCAGAAAGGCTCCCCTAAAACAAGACAAAGCAGCAGGGGCCCCTCTGACTGCC AATGGAGGCCAGAAGGTCAAACGCAGTGGGAGCAGGCAAGAAGCAAATGCCCATGGGAAAACCAAAGGTG AGAAATCGAAGCCCTTGGCCAGCAAGGTCCAGAATAGCGTTGCTTCCCTCGCCAAAAGGAAGATGGCAGA CATGGCCCACACTGTGACAGTTGTTCAGGGGGCTGAGACAGTACAGGAGACCAAAGTGCCCACTCCTTCC CAGGACATAGGACACAAAGTACAACCCATACCTAGGGTCAGGAAGGCAAAGACCCCTGAGAACACTCAGG CCTGA ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAGGTTTAA
Restriction Sites:	SgfI-MluI
ACCN:	NM_138311
Insert Size:	915 bp

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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_138311.3, NP_612184.1
RefSeq Size:	1131 bp
RefSeq ORF:	915 bp
Locus ID:	171506
UniProt ID:	Q8VIK3
Cytogenetics:	6 E3
Gene Summary:	Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. The protein encoded is a replication-independent histone that is a member of the histone H1 family. This gene contains introns, unlike most histone genes and the encoded protein is expressed only in oocytes. [provided by RefSeq, Oct 2015]