

Product datasheet for MR225662

H4c8 (NM_153173) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	H4c8 (NM_153173) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	H4c8
Synonyms:	1700024H08Rik; H2c8; H4c1; H4c2; H4c3; H4c4; H4c6; H4c9; H4c11; H4c12; H4c14; H4f16; Hist1h; Hist1h4h
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR225662 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCTCGGTCTGGCAAGGGCGGTAAAGGTCTTGGCAAAGGGCGGCCAAGCGCCACCGCAAAGTCTGCTGC
GTGACAACATCCAGGGCATCACGAAGCCCGCCATCCGCCGCTGGCCCGGCGGGGGAGTGAAGCGCAT
CTCCGGCCTCATCTACGAGGAGACCCGGGTGTGCTGAAGGTGTTCTGGAGAACGTGATCCGCGACGCC
GTCACCTACACGGAGCACGCCAAGCGCAAGACCGTCACCGCCATGGACGTGGTCTACGCGCTCAAGCGCC
AGGGCCGACCCCTACGGATTCGGCGGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR225662 protein sequence Red=Cloning site Green=Tags(s)
Restriction Sites:	Sgfl-MluI

MSGRGKGGKGLGKGGAKRHRKVLDRDNIQGITKPAIRRLARRGGVKRISGLIYEETRGVLKVFLENVIRDA
VTYTEHAKRKTVTAMDVVYALKRQGRTRYGFGG

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV



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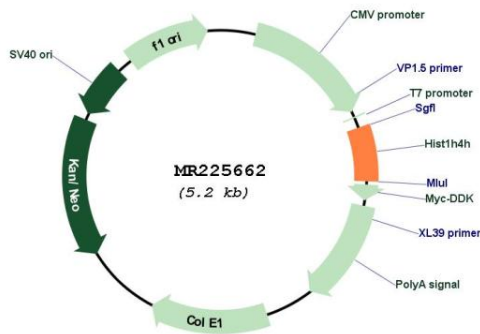
UniProt ID: [P62806](#)

Cytogenetics: 13 A3.1

MW: 11.4 kDa

Gene Summary: Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene is intronless and encodes a replication-dependent histone that is a member of the histone H4 family. Transcripts from this gene lack polyA tails but instead contain a palindromic termination element. [provided by RefSeq, Aug 2015]

Product images:



Circular map for MR225662