

Product datasheet for MR218199

H3c8 (NM_145073) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: H3c8 (NM_145073) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: H3c8
Synonyms: H3.1-221; H3c1; H3c10; H3c11; Hist1h; Hist1h3g; M32460
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR218199 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGATCGCC

ATGGCTCGTACTAAGCAGACCGCTCGCAAGTCTACCGCGGCAAGGCCCGCGCAAGCAGCTGGCCACCA
 AGGCCGCCGCAAGAGCGCCCCGGCCACCGCGGCGTGAAGAAGCCTCACCGCTACCGTCCCGGCACTGT
 GCGCTGCGGAGATCCGGCGTACCAGAAGTCGACCGAGCTGCTGATCCGCAAGCTGCCGTTCCAGCGC
 CTGGTGCAGGATCGCGCAGGACTTCAAGACCGACCTGCGCTTCCAGAGCTCGGCCGTCATGGCTCTGC
 AGGAGGCCTGTGAGGCCTACCTCGTGGTCTGTTGAGGACACCAACCTGTGCGCCATCCACGCCAAGCG
 TGTCACCATCATGCCAAGGACATCCAGCTGGCCCGTGCATCCCGGGGAGAGGGCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR218199 protein sequence
 Red=Cloning site Green=Tags(s)
 MARTKQTARKSTGGKAPRKQLATKAARKSAPATGGVKKPHRYRPGTVALREIRRYQKSTELLIRKLPFQR
 LVREIAQDFKTLRFQSSAVMALQEACEAYLVGLFEDTNLCAIHAKRVTIMPKDIQLARRIRGERA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



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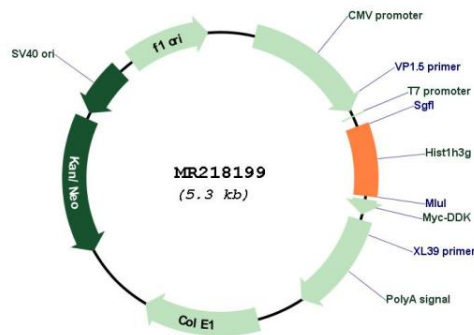
UniProt ID: [P68433](#)

Cytogenetics: 13 A3.1

MW: 15.4 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 H3 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 MR218199