

Product datasheet for MR217674

H3c7 (NM_013548) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: H3c7 (NM_013548) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: H3c7
Synonyms: H3.2-221; H3c2; H3c3; H3c4; H3c6; H3c13; H3c14; H3c15; Hist1; Hist1h; Hist1h3f
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR217674 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCTCGTACTAAGCAGACCGCTCGCAAGTCCACTGGCGGCAAGGCCCGCGCAAGCAGCTGGCCACCA
 AGGCCGCCGCAAGAGCGCCCCGGCCACCGCGGCGTGAAGAAACCTCACCGCTACCGTCCCGGCACCGT
 GCGCTGCGGAGATCCGGCGTACCAGAAGTCGACCGAGCTGCTGATCCGCAAGCTGCCGTTCCAGCGC
 CTGGTGCAGGAGATCGCGCAGGACTTCAAGACCGACCTGCGCTTCCAGAGCTCGGCCGTCATGGCTCTGC
 AGGAGGCGAGCGAGGCCTACCTTGTGGTCTGTTTGGAGACCAACCTGTGCGCCATCCACGCCAAGCG
 TGTCACCATCATGCCAAGGACATCCAGCTGGCCCGCCGTATCCGCGGCGAGCGGGCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR217674 protein sequence
 Red=Cloning site Green=Tags(s)
 MARTKQTARKSTGGKAPRKQLATKAARKSAPATGGVKKPHRYRPGTVALREIRRYQKSTELLIRKLPFQR
 LVREIAQDFKTLRFQSSAVMALQEASEAYLVGLFEDTNLCAIHAKRVTIMPKDIQLARRIRGERA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



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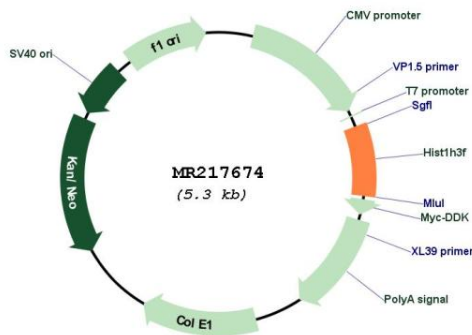
UniProt ID: [P84228](#)

Cytogenetics: 13 9.78 cM

MW: 15.4 kDa

Gene Summary: Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. This structure consists of approximately 146 bp of DNA wrapped around a nucleosome, an 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. 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; instead, they contain a palindromic termination element. [provided by RefSeq, Aug 2015]

Product images:



Circular map for MR217674