

Product datasheet for **MR215982**

H2bc7 (NM_178195) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: H2bc7 (NM_178195) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: H2bc7
Synonyms: H2bc11; H2bc13; H2bc15; Hist1h2; Hist1h2bf
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR215982 representing NM_178195
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCTGAGCCTGCTAAGTCCGCTCCCGCCCCGAAGAAGGGCTCCAAGAAGGCCGTGACCAAGGCCCAGA
AGAAGGACGGCAAGAAGCGCAAGCGCAGCCGCAAGGAGAGCTACTCGGTGTACGTGTACAAGGTGCTGAA
GCAAGTGCACCCCGACCCGGCATCTCTCCAAGGCCATGGGCATCATGAACTCGTTTGTGAACGACATC
TTCGAGCGCATCGCGAGCGAGGCTTCCCGCCTGGCGCATTACAACAAGCGCTCGACCATCACGTCCCGGG
AGATCCAGACGGCCGTGCGCCTGCTGCTGCCCGGGGAGCTGGCCAAGCACGCCGTGTCGGAGGGCACCAA
GGCTGTCACCAAGTACACCAGCTCCAAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR215982 representing NM_178195
Red=Cloning site Green=Tags(s)
MPEPAKSAPAPKKGSKKAVTKAQKKGKRRSRKESYSVYVYKVLKQVHPDGTGISSKAMGIMNSFVNDI
FERIASEASRLAHYNKRSTITSREIQTAVRLLLPGELAKHAVSEGTKAVTKYTSSK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9054_c12.zip

Restriction Sites: SgfI-MluI



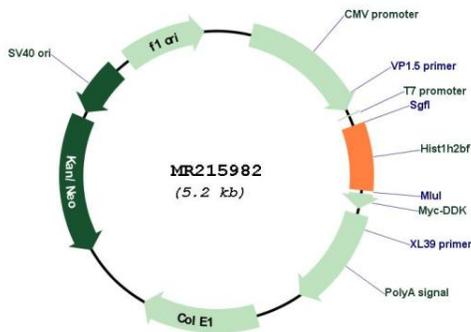
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Cytogenetics: 13 A3.1

MW: 13.9 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 H2B 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 MR215982