

Product datasheet for MR215960

H2bc1 (NM_175663) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: H2bc1 (NM_175663) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: H2bc1
Synonyms: Hist1h; Hist1h2ba; Th2b
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR215960 representing NM_175663
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCGGAGGTGGCGGTAAGGGTGTACTATTTCCAAGAAAGGCTTCAAGAAAGCGGTACCAAGACCC
 AGAAAAAGGAGGGCCGGAAACGTAAGAGATGCCGCAAGGAGAGCTACTCCATTTACATCTATAAGGTGCT
 GAAACAAGTGCACCCCGACACCGGCATCTCTCCAAGGCCATGAGCATCATGAACCTTTGTGACAGAC
 ATCTTCGAGCGCATCGCGAGCGAGGCGTCCCGCTGGCGCATTACAACAAGCGCTCGACCATCACGTCCC
 GGGAGATCCAGACGGCCGTGCGCCTGCTGCTGCCCGGGAGCTGGCCAAGCACCGGTGTCGGAGGGCAC
 CAAGGCCGTCACCAAGTACACCAGCTCCAAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR215960 representing NM_175663
 Red=Cloning site Green=Tags(s)

MPEVAVKGATISKKGFKKAVTKTQKKEGRKRKRKRKESYSIYIYKVLKQVHPDTGISSKAMSIMNSFVTD
 IFERIASEASRLAHYNKRSTITSREIQTAVRLLLPGELAKHAVSEGTKAVTKYTSSK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9054_c09.zip

Restriction Sites: SgfI-MluI

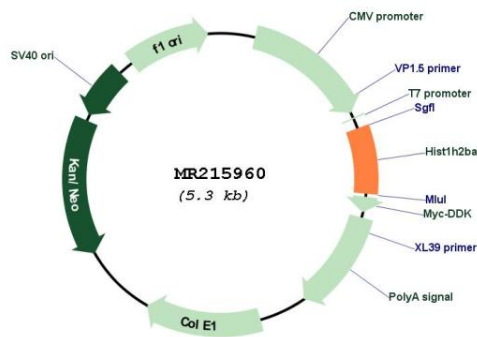


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RefSeq: [NM_175663.2, NP_783594.1](#)
RefSeq Size: 432 bp
RefSeq ORF: 384 bp
Locus ID: 319177
UniProt ID: [P70696](#)
Cytogenetics: 13 A3.1
MW: 14.2 kDa

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. This gene is intronless and encodes a replication-dependent histone that is a member of the histone H2A family. Transcripts from this gene contain a palindromic termination element. [provided by RefSeq, Aug 2015]

Product images:



Circular map for MR215960