

Product datasheet for **MC200974**

LOC665622 (BC011440) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LOC665622 (BC011440) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	LOC665622
Synonyms:	Gm11277; OTTMUSG00000000449
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC011440
 TTCCAGTCTCATCATGCCTGAGCCTGCGAAGTCCGCTCCC GCCCCGAAGAAGGGCTCCAAGAAGGCCGTC
 ACCAAGGCCAGAGAAGAAGGACGGCAAGAAGCGCAAGCGCAGCCGCAAGGAGAGCTACTCGGTGTACGTGT
 ACAAGGTGCTGAAGCAAGTGCACCCCGACACCGGCATCTCTCCAAGGCCATGGGCATCATGAACTCGTT
 CGTGAACGACATCTTCGAGCGCATCGCGAGCGAGGCGTCCCGCTGGCGCATTACAACAAGCGCTCGACC
 ATCAGTCCC GGGAGATCCAGACTGCCGTGCGCCTGCTGCTGCCGGGGAGCTGGCCAAGCACGCGGTGT
 CGGAGGGCACCAAGGCTGTCAACCAAGTACACCAGCTCCAACATAGTTTGTGATTCAAAGACCAGAAGTA
 ATCTGTTGGATAGCAAATTACAATACAGCCTTGTGTTTGGTGGAAAAACACACACCAAGTTTTTCAAGAC
 AAAATTTCTCTGTGTAGCCCTGGCTCTCTGGAACACTCTGTAGATCAGACTGCCCTGAATTCAGAG
 ATCCACCTGAGTGTGGGATTAAGGTGAGTGCCACTACCCCAAGTTTGTGATCATTTTCTTTCTTCTGCA
 TCCTTTTAAAGGTAATTAACACTTGTGCCTATACTACAGGTGCGAAGGCACGTGTTCAAGTACAGTTAAG
 AAATTGCTTGTGTTTGCACGGCTAATGAGTGGAACCTGGCTTAAGAACTTTCAGAACGTTGCTCATCGC
 CACCGAGTGTATCACCCTGTCTAAAGGCTGATCTGTGATGAGTGTCTTCAAGACACAAAACAGTGAC
 AAGTAGTTACAAGTAGTACCGCTGTGCCTGTGTGTTTTCGTGAATTCGAAAGTATCCCTTTAGGA
 GATAGGTACCAGGAAAAGCCCTCCCTCAACAGAAATGGCTTACACTCCCTGGTAAGTCGCTTTTCTCTG
 TCAGGAATCAAAATCCCAACCCCTTGGCTGACCCATTAAAGGGCCTTCTGTCCCTTGATGAAACCTT
 CCAGCTCACCCAGACAGACTTCCACTGGTGAGCCTTTAAAGGTGTCTGGGGTGGTTTGTGTTTGGTT
 GTTTTGTGTTTGTGTTTACTTTATCTTGTCTCCCTCCCTATAGTTACCAAACCTGGTGTTCCTGTCTCA
 AAAGTCAATCAAAATTCATAGAGTTCCTTCTGAGTCAACTTTAAATACTTTTATAGATGAAATCAAGA
 ACCTGCGCAGGGACCGTGAGTTCCTAATGACAGAAGAATATTAATAAATTTGTTTCTTCTCTGCCTC
 CTACCCCACTTTTGCACAGTGTCTTGTATGTGTTTATCCACAGAACTAGAAGCGTGCAAAGGCCTC
 ACCTCTACACTGCTCCCATGGGATTATGTTCACTGTACACGTTATTTGTGGAGAAATCAGTATAGCTCA
 GAAACAAGGCCCTGAAATCTAACCTTATCCACTAGGGTACCTTCCCTCAGCAGTGTTCCTCAGAGTTTG
 GTTGTGTTTGTGTTTGTGTTTGTGTTTGTGTTTGTGTTTGTGTTTGTGTTTGTGTTTGTGTTTGTGTTT
 GTTGTGTTTGTGTTTGTGTTTGTGTTTGTGTTTGTGTTTGTGTTTGTGTTTGTGTTTGTGTTTGTGTTT
 CAGCGGGCTGACTCTAGTAAGATGCTTGCCTATGAGAAATATATCGATGATACGGAACACACAAGAAAT
 AGTAATGAAGAAGCTGGAGCGGTAGACTGGTCAGCAATTCAGAGCCCTTACTACTTTTACAAGAACCTG
 AGTTCCGTTCCAGCACCCCTGGCAGGTGTGCCAATCAGCTGTAACCTGACTCCAGCGCATCCAACA
 CCCACCTCTGATAGGTGACTGTGTGACCAGTACCAAACACGTGGCGTACTTGTACACAGGCAAAG
 GCATATGTAATAAAATGAAAGACCCAACCTACCAAACAGACCATGTAGGTTTTACTGGGTGCTTGGATC
 TGAGGACCATAAGGAAAAGCCTAAAACCTAAAAGAGATGGTAATACAAAAGGCTCTGTAATAAAGAACAT
 TTTTATGATTCTGTGAGGTGATTATAACTTGTCTCAGCAATAGCCAGCTCACCATAATACACTACAGTTT
 TCTATCTTTCATAAACCTTTGAGATGGTAAGTATGCCAACTACAGTCATCTGTGTGTATCTGTCATTA
 AATTGGACAGTCTATATCCTTTAAA

Restriction Sites: RsrII-NotI

ACCN: BC011440

Insert Size: 408 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [BC011440](#), [AAH11440](#)

RefSeq Size: 2236 bp

RefSeq ORF: 408 bp

Locus ID: 665622

Cytogenetics: 13 A3.1

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 encodes a replication-dependent histone that is a member of the histone H2B family and generates two transcripts through the use of the conserved stem-loop termination motif, and the polyA addition motif. [provided by RefSeq, Sep 2015]