

Product datasheet for **RN200600**

Hist1h1b (NM_001109417) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Hist1h1b (NM_001109417) Rat Untagged Clone
Tag: Tag Free
Symbol: Hist1h1b
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN200600 representing NM_001109417
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCTGAAACTGCTCCCGCCGAGACTACGGCTCCCGCTCCTGTAGAGAAGTCTCCCGCCAAGAAGAAGA
CAAAAAAGCTGGCGCGGCAAAGCGCAAGGCCACTGGCCCCCGGTATCTGAGCTCATAACTAAGGCTGT
TTCTGCCTCTAAAGAGCGCGCGCGTGTCCCTGCCTGCTCTGAAGAAGGCATTGGCTGCTGGTGGCTAC
GATGTGGAGAAGAACAACAGCCGCATCAAGCTTGGCTCAAGAGTTTGGTGAGCAAAGGTACCTGGTGC
AAACAAAAGGTACTGGCCTCTGGTTCCCTTCAAGCTTAACAAAAGGTGGCTTCCGGCGAAGCCAAGCC
CAAGGCTAAGAAGACTGGGGCTGCCAAGGCCAAGAACTACAGGTGCCACCCCGAAGAAGCCAAGAAAG
ACTGCCGGGGCCAAGAAGACCGTGAAGAAAACCTCAAAGAAAGCAAGAAGCCTGCAGCGCTGGAGTAA
AGAAAGTTACCAAGAGCCCTAAGAAGGCCAAGGCTGCTGCCAAGCCTAAAAAGGCGACTAAGAGCCCGGC
AAGGCCAAGGCGGTGAAATCTAAGGCTCCAAGCCTAAAGTTACCAAGCCAAGGCAGCTAAGCCTAAG
GCTGCCAAGGTAAGAAGGCTGTTTCCAAGAAGAAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001109417
Insert Size: 669 bp



[View online »](#)

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:	<ol style="list-style-type: none">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:	<u>NM_001109417.1</u> , <u>NP_001102887.1</u>
RefSeq Size:	669 bp
RefSeq ORF:	669 bp
Locus ID:	680522
UniProt ID:	<u>D3ZBN0</u>
Cytogenetics:	17p11
Gene Summary:	Histone H1 protein binds to linker DNA between nucleosomes forming the macromolecular structure known as the chromatin fiber. Histones H1 are necessary for the condensation of nucleosome chains into higher-order structured fibers. Acts also as a regulator of individual gene transcription through chromatin remodeling, nucleosome spacing and DNA methylation (By similarity).[UniProtKB/Swiss-Prot Function]