

Product datasheet for **RN203591**

Hist1h1t (NM_012579) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hist1h1t (NM_012579) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hist1h1t
Synonyms:	H1.3; H1D; H1f3; H1ft; H1s-4; H1t
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN203591 representing NM_012579 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCGGAAACGGCTCCTGCAGCCTCAAGTACTCTTGTTCAGCTCCTGTAGAGAACTGCAACTAAAA
 GGCGAGGGAAGAAGCCTGGCATGGCCACTGCTCGCAAACCTCGGGGTTTCTCGGTTTCAAGTTGATTCC
 TGAGGCCCTTTCCATGTCTCAGGAACGGGCAGGAATGTCCTTGCTGCCCTGAAGAAAGCCCTGGCTGCG
 GCTGGCTATGACGTGGAGAAGAACAACAGTCGTATCAAGCTGGCCCTCAAGAGACTTGTGAATAAGGGAG
 TCCTGGTGCAGACCAAGGGCACCAGGAGCCTCAGGCTCCTCAAGCTTAGCAAGAAGGCAGCTTCAGGCAA
 CGACAAGGGCAAGGGCAAGAAATCTGCTTCTGCCAAGGCTAAGAACTGGGCTTGTCCAGGGCCTCGAGA
 TCCCCAAGAGTAGTAAGACCAAGGTTGTCAAGAAGCCAAAAGCTACGCCACAAAGGGTTCTGGGAGCA
 GAAGGAAGACCAAGGGGCAAGGGCTTGCAACAGCGCAAAAGCCCCGCAAAGCGAGGGCAACCAACTC
 CAACTCTGGGAAGTCAAAGATGGTCATGCAGAAGACCGACCTAAGGAAGGCAGCAGGAAGAAAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_012579
Insert Size:	627 bp


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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:	<u>NM_012579.1, NP_036711.1</u>
RefSeq Size:	745 bp
RefSeq ORF:	627 bp
Locus ID:	24438
UniProt ID:	<u>P06349</u>
Cytogenetics:	17p11
Gene Summary:	testis-specific H1 histone variant [RGD, Feb 2006]