

Product datasheet for **SC320231**

Histone H1x (H1FX) (NM_006026) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Histone H1x (H1FX) (NM_006026) Human Untagged Clone
Tag: Tag Free
Symbol: Histone H1x
Synonyms: H1.10; H1FX; H1X
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_006026.2
 CGCGCACGCCAGCGAGTTCAGAGGCGCCAGTGGAAGCTGCGGGCGGCGTGTCTCGCGT
 TCGGCGGGATTCTCTTCGCTCCGGCTCGGCTAGGTCTACGTCGCCAGCTCCAGCCGCC
 GGCTCGGACTCGGTCTCTGACCCCAACTCGGTCCCCTAGTCCGGCCCCGGCTCCGGGCC
 CCCCAACCCTCGCTCCGGCCCCGGCCCCAGCCCCAGCCCTGCCGCCGGCCCCAGG
 CCGGCGCGGGCGCTCCCGCTGGAGCCGCGCGCCCCAGCCCCCTGCACCCCT
 CGGCCCTCGCTTCTCTTCCCGGCGGGCCCCCGGCTTCCGCGCGCCCGCCGACC
 AATCCTTTGCTACCATGTCCTGGAGCTCGAGGAGGCCCTGCCAGTGACGACCGCCGAG
 GGAATGGCAAGAAGGTGACCAAGGCTGGCGGCTCGGCGCGTGTCCCCATCTAAGAAG
 AGGAAGAATAGCAAGAAGAAGAACCAGCCGGGCAAGTACAGCCAGCTGGTGGTGGAGACC
 ATCCGTAGGCTGGGCGAGCGCAACGGCTCGTCGCTGGCCAAGATCTACACCGAGGCCAAG
 AAGGTTCCGTGGTTCGACCAGCAGAATGGGCGCACCTACCTCAAGTACTCGATCAAGGCG
 CTGGTGCAGAACGACACGCTTCTGCAGGTGAAGGGCACCGGCCAACGGTTCCTTCAAG
 CTCAACCGCAAGAAGCTGGAGGGCGGCGGGGAGCGGCGCGGAGCCCCGGCGGGCCGACC
 GCCCGGGCCCCACCGCGCACAAGCGAAGAAGGCGAGCCCCGGGCGCGGCCGGCTCCCGG
 CGCGGGACAAGAAGCCCGCCAGGGGCCAGAAGCCGGAGCAGCGCTCGCACAAGAAGGGC
 GCTGGCGCAAGAAGGACAAGGCGGCAAGGCCAAGAAGCGGCGGCCCGGGGCAAG
 AAGTGAAGAAGCGGCCAAGCCAGCGTCCCCAAGTGCCCAAGGGCCGCAAGTGAGCG
 TGTCCGGCGTCAAGCGGCGCGTGGGCTTTTTCGGTGTTTTTTCTACCCCAAG
 TGACGTAGATTTTGTACGGCTCACGCCGCGGGGCGGAGGCCCTGGTCTGAGCCTCAG
 GGAGGGGCCCCGGTCTCTCAGTCTTCCCTCCCCAACGATGTAGCGTTTTTTCGTTG
 TTTGCTTTAGTTTTTGAACAGCCCCGCGACGCCTCTATTGGCTCTCGGCTTGGCAA
 CGGCCGTCGTCATGGTTACTGGCCCTAGGCGCCGATGGCCGAGGCCGCGCCTGCCACC
 GGGCGGGTCTGTTGGCCGGGCCAGGCGCGGGGACGCGGAGGCCGCGCATCCTT
 TCCAGCTCCCCACCCTCTTGCCTTTGGGTGCGGACAAACAATCGCTCCGGGCTCAGG
 GCTGCGGGCTCTCCCTTCATTCCATGGGCTTTTTTTGGGCACAATAAAGCGTTTAA
 CCTTAAA



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Restriction Sites:	Please inquire
ACCN:	NM_006026
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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	NM_006026.2 , NP_006017.1
RefSeq Size:	1503 bp
RefSeq ORF:	642 bp
Locus ID:	8971
UniProt ID:	Q92522
Cytogenetics:	3q21.3
Domains:	linker_histone
Protein Families:	ES Cell Differentiation/IPS
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 encodes a replication-independent histone that is a member of the histone H1 family. [provided by RefSeq, Oct 2015]