

Product datasheet for **SC306665**

H1oo (H1FOO) (NM_153833) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	H1oo (H1FOO) (NM_153833) Human Untagged Clone
Tag:	Tag Free
Symbol:	H1oo
Synonyms:	H1.8; H1FOO; H1oo; osH1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_153833 edited ATGGCTCCTGGGAGCGTCACCAGCGACATCTCACCTCCTCGACTTCCACAGCAGGATCA TCCAGGTCTCCTGAATCTGAAAAGCCAGGCCGAGCCACGGCGGTGTCCACCAGGAGGC CCGAGCCACAGCAGCCTCCCGGTGGGACGCCACCCCGGTGCTACGCATGGTGCTG GAGGCGCTGCAGGCTGGGAGCAGCGCCGGGACGTCGGTGGCAGCTATCAAGCTCTAC ATCCTGCACAAGTACCAACAGTGGACGTCCTCCGCTTCAAGTACCTGCTGAAGCAGGCG CTGGCCACTGGCATGCGCCGTGGCTCCTCGCCAGGCCCTCAACTCCAAGCCAGGGGG GCCACTGGCAGCTTCAAATTAGTTCCCAAGCACAAGAAGAAAATCCAGCCCAGGAAGATG GCCCGCGCAGGCTCCAGGAGAGCGGGTGGGCAAGGGGAAGGGCCCAAGAAACCA AGTGAGGCCAAGGAGGACCTCCCAACGTGGGCAAGGTGAAAAGGCAGCCAAGAGGCCA GCAAAGGTGCAGAAGCCTCCTCCAAGCCAGGCGCAGCCACAGAGAAGGCTCGCAAGCAA GGCGGCGCGGCCAAGGACACCAGGGCACAGTCGGGAGAGGCTAGGAAGGTGCCCCCAAG CCAGACAAGGCCATGCGGGCACCTTCCAGTGCTGGTGGGCTCAGCAGGAAGGCAAAGGCC AAAGGCAGCAGGAGCAGCCAAGGAGATGCTGAGGCCTACAGGAAAACCAAGCTGAGAGT AAGAGTTCAAACCCACGGCCAGCAAGGTCAAGAAATGGTGTGCTTCCCCGACCAAAAAG AAGGTGGTGGCCAAGGCCAAGGCCCTAAAGCTGGGCAGGGGCCAAACACCAAGGCTGCT GCTCCTGCTAAGGGCAGTGGGTCCAAGGTGGTACCTGCACATTTGTCCAGGAAGACAGAG GCCCCAAGGGCCCTAGAAAGGCTGGGCTGCCATCAAGGCCTCATCATCAAAGTGTC AGCCAGAGGGCTGAAGCTTAG
Restriction Sites:	Please inquire
ACCN:	NM_153833
Insert Size:	1100 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).
OTI Annotation:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_153833.1.
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_153833.1 , NP_722575.1
RefSeq Size:	1067 bp
RefSeq ORF:	1041 bp
Locus ID:	132243
UniProt ID:	Q8IZA3
Cytogenetics:	3q22.1
Gene Summary:	<p>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. The protein encoded is a replication-independent histone that is a member of the histone H1 family. This gene contains introns, unlike most histone genes. The related mouse gene is expressed only in oocytes. [provided by RefSeq, Oct 2015]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>