

## Product datasheet for **SC212665**

### HDAC7 (NM\_001098416) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** HDAC7 (NM\_001098416) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** HDAC7  
**Synonyms:** HD7; HD7A; HDAC7A  
**ACCN:** NM\_001098416  
**Insert Size:** 1149 bp  
**Insert Sequence:** >SC212665 3'UTR clone of NM\_001098416  
 The sequence shown below is from the reference sequence of NM\_001098416. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GTGGAGGAGGAAGAACCTATGAATCTCTAAGGCTCTGGAACCATCTGCCCGCCACCATGCCCTTGGGA
CCTGGTTCTCTTCTAACCCTGGCAATAGCCCCATTCTGGGTCTTTAGAGATCCTGTGGGCAAGTAG
TTGGAACCAGAGAACAGCCTGCCTGCTTTGACAGTTATCCCAGGGAGCGTGAGAAAATCCCTGGGTCTA
GAATGGGAACTGGAGAGGACCCTGAGAGGAGACGGGCTGGGCGGGACCCCCACAGGGCTCTCGAGAAC
AGATTCTCCCCTCCAGTATGGGCCCTGGCTGTGGCCCCATTCTCAGGACTGCACAGAGGAGGACTGG
CTCCGGCTCCGTGGGCTCACCTTAACCACTATTCTGGCTCTGCAAACCCAGACTTTGCACACAGC
CTCAGGCTCCACACAGAAATGTGAACCTGGCCTCAGACAGGCTGGCCCTTCTAGGCTCTAGGGCTAG
GGGGGAGTGGGGAGCCAAGAGGTCCCATATTCTGAGTGCAGGGGTAGTCCCTCTCACCTGCTTCTCA
GACGACTCTGGAAGCTTCCCTTACCCTGGGCACTGAGACGAAGCTCCCTGACAGCCGAGACTGGCAG
CCCTCCATCTGGTCCGTACCCTCGCCAGAGGCCCCCTACATCAACCTCCTGGCGATGCCCTGGTGGAG
CAGATGGGTGCTCTGGGAGTCTGTGCTTCTGATCCAATGGTGCCAAACCTTCTATCTCCCAAGAAG
CGCAGCATACCCCTGGGACCCCTCGGCCACTGCCCACTCGGGGAGCCTTCTGTCTTCTGGGCTCCCTCC
CCACCATAGCTCTGATCCCACCCACATAGGAGTAGCCTGACTGAGGGGGAAGGGGTGGGAGAGAAGA
TACAGACATGGAGGAGGGGAGGCTGCTCTGGCAAAGTCTTCAAGGCTTTTGGGGTCCAGGCCTGGGGT
CAAGAAGGAAAATGTGTGTGAGCATGTGTGTGAGTGAGGCGTGTGTGTGAGCGTGTGTGTGAGTGAGGC
GTGTGTGTGTGCTTTCTAGGACCCACCATACCTGTGTATGTATGCATGTTTTGTAAAAAGGAAGA
AAATGGAAAAAATCTGAACAATAAATGTTTTATTTGCTTTAAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** SgfI-MluI



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<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
<b>Components:</b>	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
<b>RefSeq:</b>	<a href="#">NM_001098416.4</a>
<b>Summary:</b>	Histones play a critical role in transcriptional regulation, cell cycle progression, and developmental events. Histone acetylation/deacetylation alters chromosome structure and affects transcription factor access to DNA. The protein encoded by this gene has sequence homology to members of the histone deacetylase family. This gene is orthologous to mouse HDAC7 gene whose protein promotes repression mediated via the transcriptional corepressor SMRT. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
<b>Locus ID:</b>	51564
<b>MW:</b>	41.9