

Product datasheet for **SC215691**

HDAC5 (NM_005474) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	HDAC5 (NM_005474) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	HDAC5
Synonyms:	HD5; NY-CO-9
ACCN:	NM_005474
Insert Size:	1653 bp



[View online »](#)

Insert Sequence: >SC215691 3'UTR clone of NM_005474
 The sequence shown below is from the reference sequence of NM_005474. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GAGCCCATGGAGCAGGAGCCTGCCCTGTGACGCCCGGCCCCATCCCTCTGGGCTTCACCATTTGTGAT
TTTGTTTATTTTTCTATTAAAAACAAAAAGTCACACATTCAACAAGGTGTGCCGTGGGTCTCTCAG
CCTTGCCCTCTGCTCCTCTACGCTGCCTCAGGCCCCAGCCCTGTGGCTTCCACCTCAGCTCTAGAA
GCCTGCTCCCTCTGCAGGGGGTGGTGGTGTCTTCCAGCCCTGTCCCATGTGTCCCTCCCCCATTTTC
CTGCATTCTGTCTGCTTTTTCTCCTTGGAGCCTGGGCCAGCTCAAGGTGGGCACGGGGGCCAGACA
GTACTCTCAGTTCTGGGGCCCCGAGTGAGGAGGGAACGGGAAGTCGGTGCCTTGGTTTCAGCTGAT
TTGGGGGAAATGCCTTAATTTCACTCTCCTCCCTTCTCCAGCCTCAGGGGAGGATCTGGAGGATCCAC
TACTGTCTTTAAGATGCAGAGTGGAGGGGAGGTGGGCACCCACCCTGCGATTCTCCACCCTTCCCCTT
CTTTCGTCTCACCATCTCTGCAGACCCCTCTCCTCCTCCTTCTTGGTCTCAGCACTGATGGGAGG
CTGGTGCCCAAGCTGTGGCCTGCAGTCTGTGAGGAGGGCTGTCTTGCCTCACACTCCTCACAGCCTACT
TCCCTTCCCCGGGGCTGAGAGGGTGAAGTGTGTGGGAAGGAGAGGACTGGTTTCTGGGTTCTCAG
GGGCCAGGAGGAGTAACAGAACCAGGTCTGCTCCCCACCTTACTCGGATGGCCTCCCTGCCCTCTGCT
GGCACAGCCTGGGCAAGGGGAGAAGGTGGTCCCTGCAGAGGGGCTCCAGGCTGGTGGAGAGCCCCCTGC
TGTCAGGACCAGATTTTCCAGCCATCCAGCATGTGCGGGGAGAAGGGGAGAGGCTCACCTCCCTCC
TGGGGCCTTTTGTGGATCCTGGGGATGGTGAAGTGGAGTTCTAGAAGGGTAAGGCCAGAACCC
AGGGATCCAGGAGTCGGCTCTCAGCTGGAGCTTCCATACCTTCTGGGCTCCCTTTGCTGACCACCAGCC
CAAGGGAGCTAAGACCAGGAGGGGCTGGGCGCTGCCCTTCTCTTCCAGGAGCCTGCCAGGGGCT
GTGGCCCTACAAGGCTTCCAGGGGATGCCATCCAGCCTGTAGGAAACCAAGATGGGAAGTGCTCCTA
GGGGGCTGACTCTTCTCCTCCTCCTCCCCAGTACCACATATACTTTCTCCTTCTATCTCCAGGGC
CCCACCAATCTGTTTACATATTTATTATCTATGGGGGCTGAGCAGGATTGAGGGAGCCAGGGGAGGG
GCAGGAGTCCCAGCACCATCGGTTTCATAGTGTGCTTGTGTGTTTGTGTTTATAGATCCTCCTGGGGGATGGG
GATGGGGCCAGGCTCAGTGTACTAGGCCTCTGTGCTGAGCCCCAGGCTCCCGGCCCTTACCCACTC
TCTCCCTGTGGTGGTCTGGTTCTCATGTAACCCTCCTTGTGTTTGTCTCCCTGGATATGGATTTCA
GTTAAGTATTTTGAACCGTTACTGTGTGCTTGTGTAATAAACTGTTTCTGGCAGTGCC
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

OTI Disclaimer: 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).

Components: 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.

RefSeq: [NM_005474.5](#)

Summary: 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 belongs to the class II histone deacetylase/acuc/apha family. It possesses histone deacetylase activity and represses transcription when tethered to a promoter. It coimmunoprecipitates only with HDAC3 family member and might form multicomplex proteins. It also interacts with myocyte enhancer factor-2 (MEF2) proteins, resulting in repression of MEF2-dependent genes. This gene is thought to be associated with colon cancer. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Locus ID: 10014

MW: 58.5