

## Product datasheet for **SC213849**

### HDAC9 (NM\_178423) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	HDAC9 (NM_178423) Human 3' UTR Clone
Symbol:	HDAC9
Synonyms:	HD7; HD7b; HD9; HDAC; HDAC7; HDAC7B; HDAC9B; HDAC9FL; HDRP; MITR
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_178423
Insert Size:	2000 bp



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**Insert Sequence:** >SC213849 3'UTR clone of NM\_178423  
 The sequence shown below is from the reference sequence of NM\_178423. 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
GAGCCTATGGAAGAGGAGCCAGCCTTGTGAAGTGCCAAGTCCCCCTCTGATATTTCTGTGTGTGACAT
CATTGTGTATCCCCCACCCAGTACCCTCAGACATGTCTTGTCTGCTGCCTGGGTGGCAGAGATTCAA
TGGAACATAAACTGGGCACAAAATTCTGAACAGCAGCTTCACTTGTCTTTGGATGGACTTGAAAGG
GCATTAAGATTCTTAAACGTAACCGCTGTGATTCTAGAGTTACAGTAAACCAGATTGGAAGAACT
GCTTCCAGCATGCTTTAATATGCTGGGTGACCCACTCTAGACACCAAGTTTGAAGTAAACATTCA
GTACAGCACTAGATATTGTTAATTTAGAAAGCTATGACAGCCAGTAAATTTGGGCAAAACCTGAGAC
ATAGTCATTCTGACATTCTGATCAGCTTTTTTTGGGGTAATTTGTTTTTCAAACAGTCTTAACTTGT
TACAAGATTTGCTTTTAGCTATGAACGGATCGTAATCCACCCAGAATGTAATGTTTCTGTGTTGTTG
TTTTGTTTTGTTAGGGTTTTTTTTCTCAACTTTAACACACAGTTCAACTGTTCTAGTAAAAGTTCAAGA
TGGAGGAAGTACATGAGGCTTTTTTTCAGTATCTCGAAGTCCAAATGCCAAAGGAACCTCACACACTGT
TTGTAATGGTGAATATTTTATACACTTTTTTTAAACATCCCCAACATCTTTGTGTTCTCACACACA
GGCAATTTGCAATGTTGCAATGTTGTTGGAGAATGAAGTCCCCCACCTCCCAGCCACACACACATCCT
TTGTTCTCATGACAGTAGGTCTGAGCAAATGTTCCACCAAGCATTTTTCAGTGTCTTTGAAAAGCAGGTA
ACTTTTCAAAGGTGGTCTTAATTTGTTGCATATCTATCAAGGACTTATCACTCACCTTTCTTTTCTG
CCCTCTATCAATTGATTTCTTCTTACCTTTCATCATTCTTCTTCTTTAGAAAACTGAAGATTACC
CATAATCTCCTCTTATTACTTGAGGGCCTTGACTATTTAGTTTATTTTGTACTTTACAGTTAACAC
AGTTGTTTTGCTGATTGCATTTTATTAAGTGAAGCCGTTGAAATGAATATCACTTAAGCAACGTTG
CTAAATTTCTATGTGTTGAAATGTGTTAATGAAGGCACTGCTTATTTGTAGTCACCTTGAAGTACTT
AACCTAGAAGCTGTGCCTTCTTGTGAAAAAAAAAAAAAAAAACAAAAACAAAAACAGCCTTTAAACAAGTT
TCCTTAGTGTCAAAGTTAAAAATAAAGGACATTTATTTCTGAGATAAAAAGTAACCTACTAAATATAA
GTAGGTTATCCTCTACCTCCTAAAATTCGATTTCAACATATAACTCAAACACCTAAACATATTGAGGT
AGAATATCTCACAGTATTTAATATCTGACAATGCTTTTGAAGAGTTGATGTTTCTTTTATATATTTT
TCTAACTCAAAGGATATATTAAGCCATAAGTGAAGATTGTCATGCTTTTATTAGAAATCTGAAAGAA
ACCTTAATTAACAAGTTTTAGGGAAGCCATGATATGAAAGATATGGAACAATATGTTTTAGTTA
GAGAGGACTCTAACCTGTAATCAAGATGAAAGATTTCACTCAAGTAGAATTATATAACTCCCTTTGT
TATACAGTCAGACCATATTTTTCATGCATTTGGTTTTTTTAGGATTACCATTTTAAATTTAAAGACTTT
TATTACATATAAAAAATGGCTCAATACTTGGTTAACTTCTTAGAAATTTGAGACACCTTTGAAATA
GGAAATCTGAAATGGAATGTAACCTAGTATTAGGTAAAAATGCTTTTATTGCGTAAGGGCAAAATTCAG
TCTAGATTCATAGTAGTAATCAATTTTTATAAATTTTATTTTTCATGAGAAATTCATACCAATCATAT
ACGCGT AAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
  
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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\\_178423.3](#)

**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 has sequence homology to members of the histone deacetylase family. This gene is orthologous to the Xenopus and mouse MITR genes. The MITR protein lacks the histone deacetylase catalytic domain. It represses MEF2 activity through recruitment of multicomponent corepressor complexes that include CtBP and HDACs. This encoded protein may play a role in hematopoiesis. Multiple alternatively spliced transcripts have been described for this gene but the full-length nature of some of them has not been determined. [provided by RefSeq, Jul 2008]

**Locus ID:**

9734

**MW:**

77.4