

Product datasheet for **SC123846**

HDAC11 (NM_024827) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HDAC11 (NM_024827) Human Untagged Clone
Tag:	Tag Free
Symbol:	HDAC11
Synonyms:	HD11
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_024827 edited
 GGCCCCGGGATGTACACACAACCCAGCTGTACCAGCATGTGCCAGAGACACGCTGGCCA
 ATCGTGTACTCGCCGCGCTACAACATCACCTTCATGGGCTGGAGAAGCTGCATCCCTTT
 GATGCCGAAAATGGGGCAAAGTGATCAATTTCTAAAAGAAGAGAAGCTTCTGTCTGAC
 AGCATGCTGGTGGAGGCGCGGGAGGCTCGGAGGAGGACCTGCTGGTGGTGCACACGAGG
 CGCTATCTTAATGAGCTCAAGTGGTCTTTGCTGTTGCTACCATCACAGAAATCCCCCCC
 GTTATCTTCTCCCCAACTTCTTTGTGACAGGAAGGTGCTGAGGCCCTTCGGACCCAG
 ACAGGAGGAACCAATAATGGCGGGGAAGCTGGCTGTGGAGCGAGGCTGGCCATCAACGTG
 GGGGGTGGCTTCCACCACTGCTCCAGCGACCGTGGCGGGGGCTTCTGTGCCTATGCGGAC
 ATCAGCTCGCCATCAAGTTTCTGTTTGTGAGCGTGTGGAGGGCATCTCCAGGGCTACCATC
 ATTGATCTTGATGCCATCAGGGCAATGGGCATGAGCGAGACTTCATGGACGACAAGCGT
 GTGTACATCATGGATGTCTACAACCGCCACATCTACCCAGGGGACCGCTTTGCCAAGCAG
 GCCATCAGGCGGAAGGTGGAGCTGGAGTGGGCACAGAGGATGATGAGTACCTGGATAAG
 GTGGAGAGGAACATCAAGAAATCCCTCCAGGAGCACCTGCCGACGTGGTGGTATACAAT
 GCAGGCACCGACATCCTCGAGGGGGACCGCTTGGGGGGCTGTCCATCAGCCAGCGGGC
 ATCGTGAAGCGGGATGAGCTGGTGTCCGGATGTCCTGGCCGCGGGGTGCCATCCTT
 ATGGTGACCTCAGGCGGGTACCAGAAGCGCACAGCCCGCATATTGCTGACTCCATACTT
 AATCTGTTTGGCCTGGGGCTCATTGGGCCTGAGTACCCAGCGTCTCCGCACAGAACTCA
 GACACACCGCTGCTTCCCCTGCAGTGCCTGACCCTTGTGCTGCCTGCCTGTCACGTGGC
 CCTGCCTATCCGCCCTTAGTGTCTTTTGTCTTAACTCATGGGGTGGTGGAGGCAGC
 CTTAGTGAAGCATGGAGGGGACGGGCCATCCCTGGCTGGGGCCTGGAGCTGGCCCTTCT
 CTACTTTTCCCTGCTGGAAGCCAGAAGGGCTTGGAGCCTCTATGGGTGGGGCAGAAGGC
 AGAGCCTGTGTCCAGGGGGACCCACACGAAGTACCAGCCCATAGGTCCAGGGAGGCGAG
 GCAGTTAACTGAGAATTGGAGAGGACAGGCTAGGTCCAGGCACAGCGAGGGCCCTGGGC
 TTGGGGTGTCTGGTTTTGAGAACGGCAGACCCAGGTGCGAGTGAGGAAGCTTCCACCTC
 CATCCTGACTAGGCTGCATCCTAACTGGGCCTCCCTCCCTCCCTTGGTCATGGGATTT
 GCTGCCCTCTTTGCCCCAGAGCTGAAGAGCTATAGGCACTGGTGTGGATGGCCAGGAGG
 TGCTGGAGCTAGGTCTCCAGGTGGGCTGGTCCAGGCAGCAGGTGGGAACCTGGGCC
 TGGATGTGAGGGGCGGTACAGGAAGGGGTACAGGTGGGTCCCTCATCTGGAGTCCCTT
 CAATAAAGCAAGTCTGGACCTGCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for NM_024827 unedited
 NGGGAAGATCGCGATATTTGTCAATACGGACTTACTGATGAGGGCGGCGCGGAAGTT
 CCCGGNAGTATCGTCGACCCACGCGTCCGGGCCCCGGGTGGTGACACAACCCAGCTG
 TACCANCATGTGCCAGAGACACGCTGGCCAATCGTGTACTCGCCGCGCTACAACATCACC
 TTCATGGCCTGGAGAAGCTGCATCCCTTTGATGCCGAAAATGGGGCAAAGTGATCAAT
 TTCCTAAAAGAAGAGAAGCTTCTGTCTGACAGCATGCTGGTGGAGGCGCGGGAGGCCTCG
 GAGGAGGACCTGCTGGGGTGCACACGAGGCGCTATCTTAATGAGCTCAAGTGGTCTTT
 GCTGTTGCTACCATCACAGAAATCCCCCGTTATCTTCTCCCAACTTCTTGGGCAG
 AGGAAGGTGCTGAGGCCCTTCGGACCCAGACAGGAGGAACCATAATGGCGGGGAAGCTG
 GCTGTGGAGCGAGGCTGGCCATCAACGTGGGGGTGGCTTCCACCACTGCTCCAGCGAC
 CGTGGGGGGGCTTCTGTGCTATGCGGACATCACGCTCGCCATCAAGTTTCTGTTGAG
 CGTGTGGAGGGGATCTCCAGGGCTACCATCATTGATCTTGGAGCCCATCAGGGCAATG
 GGCATGAGCGAGACTTCATGGACGACAGGCGGGGGCATAAATGGAGTGTACAACGGCA
 GATCTTACCCGGGGCCGGTTTTGGCAAGCAGGCCATTAGGCGGAAGGGGGAGCTGGAG
 TGGGGCACAAGGAGGATAAGTCCCCGGATAAGGTGGGAAGGGAACAATCAAGAAATCC
 CTCCCAGGACCCTGGCCATCGAGGGTGGTGTAAATGTGAGGCGCCCGCAATGCTC
 GGAGGGGAACCCGGCTTGTGGGAGGGCGGTCCATTAATGCCAGACGGGAT

Restriction Sites: Please inquire
ACCN: NM_024827

Insert Size:	1700 bp
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).
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_024827.1 , NP_079103.1
RefSeq Size:	1755 bp
RefSeq ORF:	1044 bp
Locus ID:	79885
UniProt ID:	Q96DB2
Cytogenetics:	3p25.1
Protein Families:	Druggable Genome, Transcription Factors
Gene Summary:	<p>This gene encodes a class IV histone deacetylase. The encoded protein is localized to the nucleus and may be involved in regulating the expression of interleukin 10. Alternative splicing results in multiple transcript variants.[provided by RefSeq, Apr 2009]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>