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Product datasheet for SC204820

HDAC6 (NM_006044) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	HDAC6 (NM_006044) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	HDAC6
Synonyms:	CPBHM; HD6; JM21; PPP1R90
ACCN:	NM_006044
Insert Size:	394 bp
Insert Sequence:	>SC204820 3'UTR clone of NM_006044 The sequence shown below is from the reference sequence of NM_006044. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC TTTGGGGAGGATATGCCCCACCCACACTAAGCCCCAGAATACGGTCCCTCTTCACCTTCTGAGGCCCAC GATAGACCAGCTGTAGCTCATTCCAGCCTGTACCTTGGATGAGGGGTAGCCTCCCACTGCATCCCATCC TGAATATCCTTTGCAACTCCCCAAGAGTGCTTATTTAAGTGTTAATACTTTTAAGAGAACTGCGACGAT TAATTGTGGATCTCCCCCTGCCCATTGCCTGCTTGAGGGGCACCACTACTCCAGCCCAGAAGGAAAGGG GGGCAGCTCAGTGGCCCCAAGAGGGAGCTGATATCATGAGGATAACATTGGCGGGAGGGGAGTTAACTG GCAGGCATGGCAAGGTTGCATATGTAATAAAGTACAAGCTGTTAAAAAA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
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_006044.4

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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 class II of the histone deacetylase/acuc/apha family. It contains an internal duplication of two catalytic domains which appear to function independently of each other. This protein possesses histone deacetylase activity and represses transcription. [provided by RefSeq, Jul 2008]

Locus ID: 10013

MW: 14.3