Product datasheet for RC213214L1V

HDAC7A (NM_016596) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	HDAC7A (NM_016596) Human Tagged ORF Clone Lentiviral Particle
Symbol:	HDAC7A
Synonyms:	HD7; HD7A; HDAC7A
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_016596
ORF Size:	2736 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC213214).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_016596.2, NP_057680.2
RefSeq Size:	4086 bp
RefSeq ORF:	2747 bp
Locus ID:	51564
Cytogenetics:	12q13.11
Protein Families:	Druggable Genome, Transcription Factors
MW:	99.5 kDa

View online »

Gene 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 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]