

## Product datasheet for **RC209649L4V**

### HDAC6 (NM\_006044) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	HDAC6 (NM_006044) Human Tagged ORF Clone Lentiviral Particle
Symbol:	HDAC6
Synonyms:	CPBHM; HD6; JM21; PPP1R90
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_006044
ORF Size:	3645 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209649).
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. <a href="#">More info</a>
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:	<a href="#">NM_006044.2</a>
RefSeq Size:	4099 bp
RefSeq ORF:	3648 bp
Locus ID:	10013
UniProt ID:	<a href="#">Q9UBN7</a>
Cytogenetics:	Xp11.23
Domains:	Hist_deacetyl, zf-UBP
Protein Families:	Druggable Genome, Transcription Factors



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**MW:** 131.2 kDa

**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 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]