Product datasheet for MR226686L3V

Hdac6 (NM_010413) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Hdac6 (NM_010413) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Hdac6
Synonyms:	Hd6; Hdac5; mHDA2; Sfc6
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_010413
ORF Size:	3447 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR226686).
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_010413.3, NP_034543.3
RefSeq Size:	4142 bp
RefSeq ORF:	3450 bp
Locus ID:	15185
UniProt ID:	Q9Z2V5
Cytogenetics:	X 3.58 cM

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Gene Summary:

Responsible for the deacetylation of lysine residues on the N-terminal part of the core histones (H2A, H2B, H3 and H4). Histone deacetylation gives a tag for epigenetic repression and plays an important role in transcriptional regulation, cell cycle progression and developmental events. Histone deacetylases act via the formation of large multiprotein complexes (By similarity). Plays a central role in microtubule-dependent cell motility via deacetylation of tubulin.[UniProtKB/Swiss-Prot Function]