Product datasheet for MR200741L3V

Hist3h2a (H2aw) (NM_178218) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Hist3h2a (H2aw) (NM_178218) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	H2aw
Synonyms:	Hist3; Hist3h2a
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_178218
ORF Size:	393 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR200741).
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_178218.2
RefSeq Size:	508 bp
RefSeq ORF:	393 bp
Locus ID:	319162
UniProt ID:	Q8BFU2
Cytogenetics:	11 B1.3

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Gene Summary: Histones are basic nuclear proteins that are responsible for the nucleosome structure of the chromosomal fiber in eukaryotes. Nucleosomes consist of approximately 146 bp of DNA wrapped around a histone octamer composed of pairs of each of the four core histones (H2A, H2B, H3, and H4). The chromatin fiber is further compacted through the interaction of a linker histone, H1, with the DNA between the nucleosomes to form higher order chromatin structures. This gene is intronless and encodes a replication-dependent histone that is a member of the histone H2A family. [provided by RefSeq, Aug 2015]