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Product datasheet for RC201249L2V

Histone H1.2 (HIST1H1C) (NM_005319) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Histone H1.2 (HIST1H1C) (NM_005319) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Histone H1.2
Synonyms:	H1.2; H1C; H1F2; H1s-1; HIST1H1C
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_005319
ORF Size:	639 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC201249).`
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_005319.3
RefSeq Size:	732 bp
RefSeq ORF:	642 bp
Locus ID:	3006
UniProt ID:	P16403
Cytogenetics:	6p22.2
Domains:	linker_histone
MW:	21.2 kDa

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Gene Summary: Histones are basic nuclear proteins responsible for nucleosome structure of the chromosomal fiber in eukaryotes. Two molecules of each of the four core histones (H2A, H2B, H3, and H4) form an octamer, around which approximately 146 bp of DNA is wrapped in repeating units, called nucleosomes. The linker histone, H1, interacts with linker DNA between nucleosomes and functions in the compaction of chromatin into higher order structures. This gene is intronless and encodes a replication-dependent histone that is a member of the histone H1 family. Transcripts from this gene lack polyA tails but instead contain a palindromic termination element. This gene is found in the large histone gene cluster on chromosome 6. [provided by RefSeq, Aug 2015]