

Product datasheet for **RR200882L4V**

Hist1h1a (NM_001106113) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Hist1h1a (NM_001106113) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Hist1h1a
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001106113
ORF Size:	642 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR200882).
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_001106113.1 , NP_001099583.1
RefSeq Size:	744 bp
RefSeq ORF:	645 bp
Locus ID:	291145
UniProt ID:	D4A3K5
Cytogenetics:	17p11



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Gene Summary:

H1 histones bind to linker DNA between nucleosomes forming the macromolecular structure known as the chromatin fiber. H1 histones are necessary for the condensation of nucleosome chains into higher-order structured fibers. Acts also as a regulator of individual gene transcription through chromatin remodeling (By similarity).[UniProtKB/Swiss-Prot Function]