

## Product datasheet for RC223548L4V

## OriGene Technologies, Inc.

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## H2AFV (H2AZ2) (NM\_201436) Human Tagged ORF Clone Lentiviral Particle

**Product data:** 

**Product Type:** Lentiviral Particles

Product Name: H2AFV (H2AZ2) (NM 201436) Human Tagged ORF Clone Lentiviral Particle

Symbol: H2AZ2

Synonyms: H2A.Z-2; H2AFV; H2AV

Mammalian Cell

Selection:

Puromycin

**Vector:** pLenti-C-mGFP-P2A-Puro (PS100093)

Tag: mGFP

**ACCN:** NM\_201436

ORF Size: 306 bp

**ORF Nucleotide** 

The ORF insert of this clone is exactly the same as(RC223548).

Sequence:

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.

**RefSeg:** NM 201436.2, NP 958844.1

 RefSeq Size:
 1351 bp

 RefSeq ORF:
 309 bp

 Locus ID:
 94239

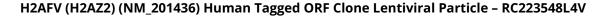
 UniProt ID:
 Q71UI9

**Cytogenetics:** 7p13

**Protein Families:** Druggable Genome

**Protein Pathways:** Systemic lupus erythematosus





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**MW:** 11 kDa

**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 encodes a replication-independent histone that is a member of the histone H2A family. Several transcript variants encoding different isoforms, have been identified for this gene. [provided by RefSeq, Oct 2015]