

Product datasheet for RC200564L2V

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

H2AFV (H2AZ2) (NM 012412) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: H2AFV (H2AZ2) (NM_012412) Human Tagged ORF Clone Lentiviral Particle

Symbol: H2AZ2

Synonyms: H2A.Z-2; H2AFV; H2AV

Mammalian Cell

Selection:

None

Vector: pLenti-C-mGFP (PS100071)

Tag: mGFP

ACCN: NM_012412

ORF Size: 384 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC200564).

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 012412.3

 RefSeq Size:
 1429 bp

 RefSeq ORF:
 387 bp

 Locus ID:
 94239

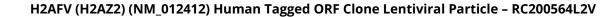
 UniProt ID:
 Q71UI9

 Cytogenetics:
 7p13

Domains: H2A, histone

Protein Families: Druggable Genome







Protein Pathways: Systemic lupus erythematosus

MW: 13.5 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]