

Product datasheet for RC202257L4V

OriGene Technologies, Inc.

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H3.3B (H3F3B) (NM 005324) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: H3.3B (H3F3B) (NM_005324) Human Tagged ORF Clone Lentiviral Particle

Symbol: H3.3B

Synonyms: H3-3A; H3.3B; H3F3B

Mammalian Cell

Selection:

Puromycin

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

Tag: mGFP

ACCN: NM_005324

ORF Size: 408 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC202257).

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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 005324.3

 RefSeq Size:
 2753 bp

 RefSeq ORF:
 411 bp

 Locus ID:
 3021

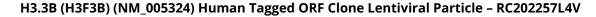
 UniProt ID:
 P84243

Cytogenetics: 17q25.1

Domains: H3, histone

Protein Pathways: Systemic lupus erythematosus





ORIGENE

MW: 15.3 kDa

Gene Summary:

Histones are basic nuclear proteins that are responsible for the 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 contains introns and its mRNA is polyadenylated, unlike most histone genes. The protein encoded by this gene is a replication-independent histone that is a member of the histone H3 family. Pseudogenes of this gene have been identified on the X chromosome, and on chromosomes 5, 13 and 17. [provided by RefSeq, Oct 2015]