

## Product datasheet for RC204658L4V

## OriGene Technologies, Inc.

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## CDKN2AIP (NM\_017632) Human Tagged ORF Clone Lentiviral Particle

**Product data:** 

**Product Type:** Lentiviral Particles

**Product Name:** CDKN2AIP (NM\_017632) Human Tagged ORF Clone Lentiviral Particle

Symbol: CDKN2AIP

Synonyms: CARF

Mammalian Cell Puromycin

Selection:

Vector:

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

Tag: mGFP

**ACCN:** NM\_017632 **ORF Size:** 1737 bp

**ORF Nucleotide** 

The ORF insert of this clone is exactly the same as(RC204658).

OTI Disclaimer:

Sequence:

MW:

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:** <u>NM 017632.1</u>

 RefSeq Size:
 2391 bp

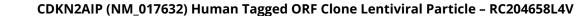
 RefSeq ORF:
 1743 bp

 Locus ID:
 55602

 UniProt ID:
 Q9NXV6

 Cytogenetics:
 4q35.1

61.1 kDa





**Gene Summary:** 

The protein encoded by this gene regulates the DNA damage response through several different signaling pathways. One such pathway is the p53-HDM2-p21(WAF1) pathway, which is critical to the DNA damage response. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2015]