

Product datasheet for **RC213080L1V**

CDKN3 (NM_005192) Human Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | CDKN3 (NM_005192) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | CDKN3 |
| Synonyms: | CDI1; CIP2; KAP; KAP1 |
| Mammalian Cell Selection: | None |
| Vector: | pLenti-C-Myc-DDK (PS100064) |
| Tag: | Myc-DDK |
| ACCN: | NM_005192 |
| ORF Size: | 636 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC213080). |
| 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_005192.2 |
| RefSeq Size: | 836 bp |
| RefSeq ORF: | 639 bp |
| Locus ID: | 1033 |
| UniProt ID: | Q16667 |
| Cytogenetics: | 14q22.2 |
| Protein Families: | Druggable Genome, Phosphatase |
| MW: | 23.6 kDa |



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Gene Summary:

The protein encoded by this gene belongs to the dual specificity protein phosphatase family. It was identified as a cyclin-dependent kinase inhibitor, and has been shown to interact with, and dephosphorylate CDK2 kinase, thus prevent the activation of CDK2 kinase. This gene was reported to be deleted, mutated, or overexpressed in several kinds of cancers. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2008]