

## Product datasheet for **SC333348**

### CDK2AP2 (NM\_001271849) Human Untagged Clone

#### Product data:

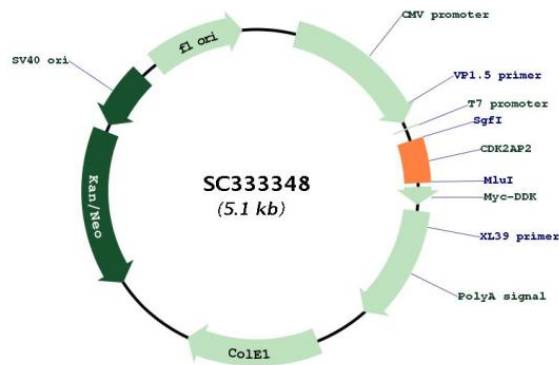
Product Type:	Expression Plasmids
Product Name:	CDK2AP2 (NM_001271849) Human Untagged Clone
Tag:	Tag Free
Symbol:	CDK2AP2
Synonyms:	DOC-1R; p14
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC333348 representing NM_001271849. Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGGCTACGTGCAGGCGATGAAGCCACCCGGCGCCAGGGCTCCAGAGCACCTACACGGACCTGCTG
TCAGTCATAGAGGAGATGGGCAAAGAGATCCGGCCTACCTATGCTGGCAGCAAGAGCGCCATGGAGCGC
CTGAAGAGAGGTATCATCCATGCCCGGGCCCTAGTCAGAGAGTGCCTGGCAGAGACAGAGCGGAACGCC
CGCACGTAA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: Sgfl-Mlul



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**Plasmid Map:**


**ACCN:** NM\_001271849

**Insert Size:** 216 bp

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

**Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

**RefSeq:** [NM\\_001271849.1](#)

**RefSeq Size:** 1099 bp

**RefSeq ORF:** 216 bp

**Locus ID:** 10263

**Cytogenetics:** 11q13.2

**MW:** 7.9 kDa

**Gene Summary:** This gene encodes a protein that interacts with cyclin-dependent kinase 2 associated protein 1. Pseudogenes associated with this gene are located on chromosomes 7 and 9. Alternatively spliced transcript variants have been observed for this gene. [provided by RefSeq, Dec 2012]  
Transcript Variant: This variant (2) contains an alternate 5' terminal exon and uses a downstream start codon compared to variant 1. It encodes isoform 2 which has a shorter N-terminus compared to isoform 1.