

## Product datasheet for **SC333237**

### Apoptosis repressor with CARD (NOL3) (NM\_001276309) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Apoptosis repressor with CARD (NOL3) (NM\_001276309) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Apoptosis repressor with CARD  
**Synonyms:** ARC; FCM; MYOCL1; MYP; NOP; NOP30  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC333237 representing NM\_001276309.  
Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
ATGGGCAACGCGCAGGAGCGCCGTCAGAGACTATCGACCGGAGCGGAAACGCCTGGTCGAGACGCTG
CAGGCGGACTCGGGACTGCTGTTGGACGCGCTGCTGGCGCGGGCGTGCTCACCGGGCCAGAGTACGAG
GCATTGGATGCACTGCCTGATGCCGAGCGCAGGGTGCGCCGCTACTGCTGCTGGTGCAGGGCAAGGGC
GAGGCCGCTGCCAGGAGCTGCTACGCTGTGCCAGCGTACCGCGGGCGCGCCGACCCCGCTGGGAC
TGGCAGCACGTGGGTCCGGGCTACCGGGACCGCAGCTATGACCCTCCATGCCAGGCCACTGGACGCCG
GAGGCACCCGGCTCGGGGACCACATGCCCGGGTTGCCAGAGCTTCAGACCCTGACGAGGCCGGGGC
CCTGAGGGCTCCGAGGCGGTGCAATCCGGGACCCCGGAGGAGCCAGAGCCAGAGCTGGAAGCTGAGGCC
TCTAAAGAGGCTGAACCGGAGCCGAGCCAGAGCTGGAACCCGAGGCTGAAGCAGAACCAGAG
CCGGAAGTGGAGCCAGAACCAGCCAGAGCCGAGCCGACTTCGAGGAAAGGGACGAGTCCGAAGAT
TCCTGA
```

**Restriction Sites:** Sgfl-Mlul  
**ACCN:** NM\_001276309  
**Insert Size:** 627 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).



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**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\\_001276309.1](#)

**RefSeq Size:** 1424 bp

**RefSeq ORF:** 627 bp

**Locus ID:** 8996

**UniProt ID:** [O60936](#)

**Cytogenetics:** 16q22.1

**MW:** 22.6 kDa

**Gene Summary:** This gene encodes an anti-apoptotic protein that has been shown to down-regulate the enzyme activities of caspase 2, caspase 8 and tumor protein p53. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2010]  
Transcript Variant: This variant (5) differs in the 5' UTR compared to variant 1. Variants 1, 2, 4, and 5 encode the same protein (isoform MYP).