

Product datasheet for **SC333236**

Apoptosis repressor with CARD (NOL3) (NM_001276307) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Apoptosis repressor with CARD (NOL3) (NM_001276307) 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: >SC333236 representing NM_001276307.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGGCAACGCGCAGGAGCGGCCGTCAGAGACTATCGACCGGAGCGGAAACGCCTGGTCGAGACGCTG
CAGGCGGACTCGGGACTGCTGTTGGACGCGCTGCTGGCGCGGGCGTGCTCACCGGGCCAGAGTACGAG
GCATTGGATGCACTGCCTGATGCCGAGCGCAGGGTGCGCCGCTACTGCTGCTGGTGCAGGGCAAGGGC
GAGGCCGCTGCCAGGAGCTGCTACGCTGTGCCAGCGTACCGCGGGCGCGCCGACCCCGCTTGGGAC
TGGCAGCAGTGGGTCCGGGCTACCGGGACCGCAGCTATGACCCTCCATGCCAGGCCACTGGACGCCG
GAGGCACCCGGCTCGGGGACCACATGCCCGGGTTGCCAGAGCTTCAGACCCTGACGAGGCCGGGGGC
CCTGAGGGCTCCGAGGCGGTGCAATCCGGGACCCCGGAGGAGCCAGAGCCAGAGCTGGAAGCTGAGGCC
TCTAAAGAGGCTGAACCGGAGCCGGAGCCAGAGCCAGAGCTGGAACCCGAGGCTGAAGCAGAACCAGAG
CCGGAAGTGGAGCCAGAACCGGACCCAGAGCCCGACTTCGAGGAAAGGGACGAGTCCGAAGAT
TCCTGA
```

Restriction Sites: Sgfl-Mlul
ACCN: NM_001276307
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_001276307.1](#)

RefSeq Size: 1564 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 (4) differs in the 5' UTR compared to variant 1. Variants 1, 2, 4, and 5 encode the same protein (isoform MYP).