

Product datasheet for **SC334224**

Apoptosis repressor with CARD (NOL3) (NM_001276311) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Apoptosis repressor with CARD (NOL3) (NM_001276311) Human Untagged Clone
Tag:	Tag Free
Symbol:	NOL3
Synonyms:	ARC; FCM; MYOCL1; MYP; NOP; NOP30
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001276311, the custom clone sequence may differ by one or more nucleotides

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ATGGGCAACGCGCAGGAGCGGCCGTCAGAGACTATCGACCGCGAGCGGAAACGCCTGGTCGAGACGCTGC
AGGCGGACTCGGGACTGCTGTTGGACGCGCTGCTGGCGGGGGCGTGCTCACCGGGCCAGAGTACGAGGC
ATTGGATGCACTGCCTGATGCCGAGCGCAGGGCTACCGGGACCGCAGCTATGACCTCCATGCCAGGCC
ACTGGACGCCGGAGGCACCCGGCTCGGGGACCACATGCCCGGGTTGCCAGAGCTTCAGACCCTGACGA
GGCCGGGGGCCCTGAGGGCTCCGAGGCGGTGCAATCCGGGACCCGGAGGAGCCAGAGCCAGAGCTGGAA
GCTGAGGCCTCTAAAGAGGCTGAACCGGAGCCGGAGCCAGAGCCAGAGCTGGAACCCGAGGCTGAAGCAG
AACCAGAGCCGGAAGTGGAGCCAGAACCGGACCCAGAGCCGAGCCGACTTCGAGGAAAGGGACGAGTC
CGAAGATTCTGAAGGCCAGAGCTCTGACAGGCGGTGCCCGCCCATGCTGGATAG
```

Restriction Sites:	SgfI-MluI
ACCN:	NM_001276311
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_001276311.1](#), [NP_001263240.1](#)

RefSeq Size: 1416 bp

RefSeq ORF: 546 bp

Locus ID: 8996

UniProt ID: [O60936](#)

Cytogenetics: 16q22.1

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 (6) uses an alternate splice site in the CDS compared to variant 1. The resulting protein has the same N-terminus and then is frame-shifted resulting in a distinct C-terminus, compared to isoform MYP.