

## Product datasheet for TP300591

### Apoptosis repressor with CARD (NOL3) (NM\_003946) Human Recombinant Protein

#### Product data:

|                                       |   |
|---------------------------------------|---|
| Product Type:                         | Recombinant Proteins  |
| Description:                          | Recombinant protein of human nucleolar protein 3 (apoptosis repressor with CARD domain) (NOL3), 20 µg   |
| Species:                              | Human   |
| Expression Host:                      | HEK293T   |
| Expression cDNA Clone or AA Sequence: | >RC200591 protein sequence<br><b>Red</b> =Cloning site <b>Green</b> =Tags(s)<br><br><p>MGNAQERPSETIDRERKRLVETLQADSGLLLDALLARGVLTGPEYEALDALPDAERRVRRLLLLVQGKGE<br/> AACQELLRCAQRTAGAPDPAWDWQHVGPGYRDRSYDPPCPGHWTPEAPGSGTTCPGLPRASDPDEAGGPE<br/> GSEAVQSGTPEEPEPELEAEASKEAEPEPEPEPEPEPEAEAEPEPEPEPEPDPEPEPDFEERDESEDS</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p> |
| Tag:                                  | C-Myc/DDK   |
| Predicted MW:                         | 22.4 kDa  |
| Concentration:                        | >0.05 µg/µL as determined by microplate BCA method  |
| Purity:                               | > 80% as determined by SDS-PAGE and Coomassie blue staining   |
| Buffer:                               | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol  |
| Preparation:                          | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.  |
| Note:                                 | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.  |
| Storage:                              | Store at -80°C.   |
| Stability:                            | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.   |
| RefSeq:                               | <a href="#">NP_003937</a>   |
| Locus ID:                             | 8996  |
| UniProt ID:                           | <a href="#">O60936</a> , <a href="#">Q5TZN6</a>   |



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RefSeq Size: 1540

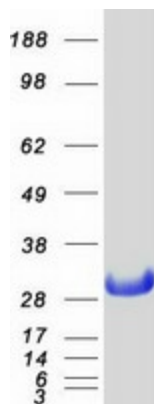
Cytogenetics: 16q22.1

RefSeq ORF: 624

Synonyms: ARC; FCM; MYOCL1; MYP; NOP; NOP30

**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]

### Product images:



Coomassie blue staining of purified NOL3 protein (Cat# TP300591). The protein was produced from HEK293T cells transfected with NOL3 cDNA clone (Cat# [RC200591]) using MegaTran 2.0 (Cat# [TT210002]).