

## Recombinant Human NOL3 Protein

Catalog #	Source	Reactivity	Applications
CRP2018	E. coli	Human	E, WB, SDS-PAGE, MS
<b>Description</b>	Recombinant Human NOL3 Protein is produced by our E.coli expression system and the target gene encoding Met1-Ser208 is expressed with a GST tag at the N-terminus.		
<b>Form</b>	Lyophilized from a 0.2 μM filtered solution of 20mM Tris-HCl, 1mM DTT, 150mM NaCl, pH 8.0.		
<b>Gene Symbol</b>	NOL3		
<b>Alternative Names</b>	Myp; NOL3; Nop30; Nucleolar protein 3; apoptosis repressor ARC; apoptosis repressor with CARD; apoptosis repressor with caspase recruitment domain (CARD); muscle-enriched cytoplasmic protein; nucleolar protein of 30 kDa		
<b>Entrez Gene</b>	8996 (Human)		
<b>SwissProt</b>	O60936 (Human)		
<b>Purity</b>	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.		
<b>Chemical Structure</b>	<p>MSPILGYWKI KGLVQPTRLLEYLEEKYEE HLYERDEGDK WRNKKFELGL EFPNLPYYID</p> <p>GDVKLTQSMA IIRYIADKHN MLGGCPKERA EISMLEGAVL DIRYGVSRIA YSKDFETLKV</p> <p>DFLSKLPEML KMFEDRLCHK TYLNGDHVTH PDFMLYDALD VVLYMDPMCL DAFPKLVCFK</p> <p>KRIEAIPIQID KYLKSSKYIA WPLQGWQATF GGGDHPPKSD LVPRGSMGNA QERPSETIDR</p> <p>ERKRLVETLQ ADSGLLLDAL LARGVLTGPE YEALDALPDA ERRVRRLLLL VQKGGEAACQ</p> <p>ELLRCAQRTA GAPDPAWDWQ HVGPGYRDRS YDPPCPGHWT PEAPGSGTTC</p> <p>PGLPRASDPD EAGGPEGSEA VQSGTPEEPE PELEAEASKE AEPEPEPEPE LEPEAEAEPE</p> <p>PELEPEPDPE PEPDFEERDE SEDS</p>		
<b>Quality Control</b>	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
<b>Application key:</b>	E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference		
<b>Species reactivity key:</b>	H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish		

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# Product Data Sheet

**Directions for Use** Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Storage/Stability** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

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