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## Datasheet for ABIN7318841 **NOL3 Protein**

### Overview

Quantity:	50 µg
Target:	NOL3
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

### Product Details

Purpose:	Recombinant Human NOL3 Protein
Sequence:	Met 1-Ser208
Characteristics:	Recombinant Human Nucleolar Protein 3 is produced by our E.coli expression system and the target gene encoding Met1-Ser208 is expressed.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

### Target Details

Target:	NOL3
Alternative Name:	NOL3 ( <a href="#">NOL3 Products</a> )
Background:	Background: Nucleolar protein 3 is encoded by NOL3 gene. Multiple transcript variants encoding different isoforms have been found for this gene. So far, Nucleolar protein 3 has shown to have two isoforms. Isoform 1 may be involved in RNA splicing. Isoform 2 functions as an apoptosis repressor that blocks multiple modes of cell death. It inhibits extrinsic apoptotic

## Target Details

pathways through two different ways. Firstly, it by interacting with FAS and FADD upon FAS activation blocking death-inducing signaling complex (DISC) assembly. Secondly by interacting with CASP8 in a mitochondria localization- and phosphorylation-dependent manner, limiting the amount of soluble CASP8 available for DISC-mediated activation. It has been shown to down-regulate the enzyme activities of caspase 2, caspase 8 and tumor protein p53.

Synonym: Nucleolar Protein 3, Apoptosis Repressor With CARD, Muscle-Enriched Cytoplasmic Protein, Myp, Nucleolar Protein of 30 kDa, Nop30

Molecular Weight:	22.6 kDa
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UniProt:	<a href="#">O60936</a>
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## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Frozen, Liquid
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Buffer:	Supplied as a 0.2 µm filtered solution of 25 mM TrisHCl, 1 mM DTT, 1 mM EDTA, 2 mM β-ME, 20 % Glycerol, pH 7.5.
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Storage:	-20 °C
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Storage Comment:	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
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