

Recombinant Mouse Nol3 Protein, His-tagged

Cat. No. Nol3-1835M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Nol3 Protein (Glu15-Ser220) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Glu15-Ser220
Description	Enables death effector domain binding activity and death receptor binding activity. Involved in several processes, including cardiac muscle cell apoptotic process; negative regulation of cell death; and regulation of signal transduction. Acts upstream of or within regulation of gene expression; response to hypoxia; and response to injury involved in regulation of muscle adaptation. Located in mitochondrion and sarcoplasm. Is expressed in adrenal gland; brain; lung; metanephros; and musculature. Orthologous to human NOL3 (nucleolar protein 3).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 26.7 kDa Accurate Molecular Mass: 32 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.
GENE INFORMATION	
Gene Name	Nol3 nucleolar protein 3 (apoptosis repressor with CARD domain) [Mus musculus (house mouse)]
Official Symbol	Nol3
Synonyms	NOL3; nucleolar protein 3 (apoptosis repressor with CARD domain); nucleolar protein 3; ARC; MYC; NOP; Nop30; B430311C09Rik;
Gene ID	78688
mRNA Refseq	NM_030152
Protein Refseq	NP_084428
UniProt ID	Q9D1X0

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