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Datasheet for ABIN1097251 NOL3 Protein (AA 1-208) (GST tag)

Overview

Quantity:	50 µg
Target:	NOL3
Protein Characteristics:	AA 1-208
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This NOL3 protein is labelled with GST tag.

Product Details

Purpose:	Recombinant Human Nucleolar Protein 3/NOL3 (N-GST)
Sequence:	MSPILGYWKI KGLVQPTRLL LEYLEEKYEE HLYERDEGDK WRNKKFELGL EFPNLPYYID GDVKLTQSMA IIRYADKHN MLGGCPKERA EISMLEGAVL DIRYGVSRIA YSKDFETLKV DFLSKLPEML KMFEDRLCHK TYLNGDHVTH PDFMLYDALD VVLYMDPMCL DAFPKLVCFK KRIEAIQID KYLKSSKYIA WPLQGWQATF GGGDHPPKSD LVPRGSMGNA QERPSETIDR ERKRLVETLQ ADSGLLLDAL LARGVLTGPE YEALDALPDA ERRVRRLLLL VQGKGAAACQ ELLRCAQRTA GAPDPAWDWQ HVGPGYRDRS YDPPCPGHWT PEAPGSGTTC PGLPRASDPD EAGGPEGSEA VQSGTPEEPE PELEAEASKE AEPEPEPEPE LEPEAEAEPE PELEPEPDPE PEPDFEERDE SEDS
Characteristics:	Recombinant Human Nucleolar Protein 3/NOL3 (N-GST)
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered

Product Details

Endotoxin Level: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test

Target Details

Target: NOL3

Alternative Name: Nucleolar Protein 3/NOL3 ([NOL3 Products](#))

Background: Recombinant Human Nucleolar Protein 3/NOL3 (GST-tagged) is produced by our E. coli expression system. The target protein is expressed with sequence (Met1-Ser208) of Human NOL3 fused with a GST tag at the N-terminus.

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 show to have two Isoforms. Isoform 1 may be involved in RNA splicing.Isoform 2 may inhibit apoptosis.It has been shown to down-regulate the enzyme activities of caspase 2, caspase 8 and tumor protein p53.

Molecular Weight: 48.92 kDa

UniProt: [O60936](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: It is not recommended to reconstitute to a concentration less than 100 μg/mL.

Dissolve the lyophilized protein in ddH2O.

Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Buffer: Lyophilized from a 0.2 μm filtered solution of 20 mM TrisHCl,350 mM NaCl,1 mM DTT, pH 8.0.

Preservative: Dithiothreitol (DTT)

Precaution of Use: This product contains Dithiothreitol (DTT): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Always centrifuge tubes before opening. Do not mix by vortex or pipetting.

Storage: 4 °C/-20 °C/-80 °C

Storage Comment: Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.

Reconstituted protein solution can be stored at 4-7°C for 2-7 days.

Aliquots of reconstituted samples are stable at < -20°C for 3 months.