

NOL3 Protein, Human, Recombinant (GST)

General Information

Synonyms:	Nop30;Myp;NOP;Apoptosis Repressor With CARD;Nucleolar Protein 3;Muscle-Enriched Cytoplasmic Protein;NOL3;Nucleolar Protein of 30 kDa;ARC
Protein Construction:	Met1-Ser208
Species:	Human
Expression Host:	E. coli
Accession:	O60936
Molecular Weight:	30-59 KDa (reducing condition)
AA Sequence:	Met1-Ser208

QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	Greater than 85% as determined by reducing SDS-PAGE. (QC verified)
Endotoxin:	< 0.1 ng/μg (1 EU/μg) as determined by LAL test.
Formulation:	Lyophilized from a solution filtered through a 0.22 μm filter, containing 20 mM Tris-HCl, 350 mM NaCl, 1 mM DTT, pH 8.0.

Preparation and Storage

Reconstitution:

Reconstitute the lyophilized protein in distilled water. The product concentration should not be less than 100 μg/ml. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months.

Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Protein 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 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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