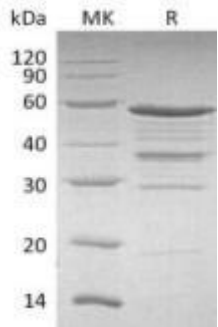


Recombinant Human NOL3

Catalog#:P01416 Derived from *E.coli*

DESCRIPTION	<p>Recombinant Human Nucleolar Protein 3 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.</p> <p>Accession#: O60936</p> <p>Known as: Nucleolar Protein 3; Apoptosis Repressor With CARD; Muscle-Enriched Cytoplasmic Protein; Myp; Nucleolar Protein of 30 kDa; Nop30; NOL3; ARC; NOP</p>
FORMULATION	Lyophilized from a 0.2 μm filtered solution of 20mM TrisHCl, 350mM NaCl, 1mM DTT, pH 8.0.
SHIPPING	<p>The product is shipped at ambient temperature.</p> <p>Upon receipt, store it immediately at the temperature listed below.</p>
STORAGE	<p>Lyophilized protein should be stored at <-20°C, though stable at room temperature for 3 weeks.</p> <p>Reconstituted protein solution can be stored at 4-7°C for 2-7 days.</p> <p>Aliquots of reconstituted samples are stable at < -20°C for 3 months.</p>
RECONSTITUTION	<p><i>Always centrifuge tubes before opening. Do not mix by vortex or pipetting.</i></p> <p><i>It is not recommended to reconstitute to a concentration less than 100μg/ml.</i></p> <p>Dissolve the lyophilized protein in distilled water.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
QUALITY CONTROL	<p>Mol Mass:48.92kDa AP Mol Mass:30-59kDa, reducing conditions.</p> <p>Purity: Greater than 85% as determined by reducing SDS-PAGE.</p> <p>Endotoxin: Less than 0.1 ng/μg (1 EU/μg) as determined by LAL test.</p>
BACKGROUND	<p>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.</p>
SDS-PAGE	 <p>The SDS-PAGE gel image displays two lanes, MK and R, with molecular weight markers on the left ranging from 14 to 120 kDa. The R lane shows a distinct band at approximately 48.92 kDa, corresponding to the expected molecular mass of the recombinant protein. The MK lane shows a similar band at the same position, likely representing the molecular weight marker or a control.</p>