

## Recombinant Human NOL3 Protein (GST Tag)

**Catalog No.** PKSH032828

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

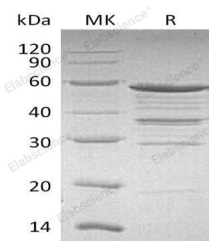
### Description

|                                    |  |
|------------------------------------|--|
| <b>Synonyms</b>                    | Nucleolar Protein 3;Apoptosis Repressor With CARD;Muscle-Enriched Cytoplasmic Protein;Myp;Nucleolar Protein of 30 kDa;Nop30;NOL3;ARC;NOP |
| <b>Species</b>                     | Human  |
| <b>Expression Host</b>             | E.coli   |
| <b>Sequence</b>                    | Met 1-Ser208   |
| <b>Accession</b>                   | O60936   |
| <b>Calculated Molecular Weight</b> | 48.9 kDa   |
| <b>Observed molecular weight</b>   | 30-59 kDa  |
| <b>Tag</b>                         | N-GST  |
| <b>Bioactivity</b>                 | Not validated for activity   |

### Properties

|                       |   |
|-----------------------|---|
| <b>Purity</b>         | > 85 % as determined by reducing SDS-PAGE.  |
| <b>Endotoxin</b>      | < 1.0 EU per µg of the protein as determined by the LAL method.   |
| <b>Storage</b>        | Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.   |
| <b>Shipping</b>       | This product is provided as lyophilized powder which is shipped with ice packs.   |
| <b>Formulation</b>    | Lyophilized from a 0.2 µm filtered solution of 20mM Tris-HCl, 350mM NaCl, 1mM DTT, pH 8.0.<br>Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.<br>Please refer to the specific buffer information in the printed manual. |
| <b>Reconstitution</b> | Please refer to the printed manual for detailed information.  |

### Data



> 85 % as determined by reducing SDS-PAGE.

### Background

#### For Research Use Only

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.