



## Recombinant Protein Technical Manual

### Recombinant Human NOL3 Protein (GST Tag)

RPES0788

#### Product Data:

**Product SKU:** RPES0788

**Size:** 10 $\mu$ g

**Species:** Human

**Expression host:** E. coli

**Uniprot:** O60936

#### Protein Information:

**Molecular Mass:** 48.9 kDa

**AP Molecular Mass:** 30-59 kDa

**Tag:** N-GST

#### Bio-activity:

**Purity:** > 85 % as determined by reducing SDS-PAGE.

**Endotoxin:** < 1.0 EU per  $\mu$ g as determined by the LAL method.

**Storage:** 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.

**Shipping:** This product is provided as lyophilized powder which is shipped with ice packs.

**Formulation:** Lyophilized from a 0.2  $\mu$ m filtered solution of 20mM TrisHCl, 350mM NaCl, 1mM DTT, pH 8.0.

**Reconstitution:** Please refer to the printed manual for detailed information.

#### Application:

**Synonyms:** Nucleolar Protein 3; Apoptosis Repressor With CARD; Muscle-Enriched Cytoplasmic Protein; Myp; Nucleolar Protein of 30 kDa; Nop30; NOL3; ARC; NOP

## Immunogen Information:

**Sequence:** Met 1-Ser208

## 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 shown 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.