Recombinant Human NOL3 Protein

Catalog Number: PKSH032827

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

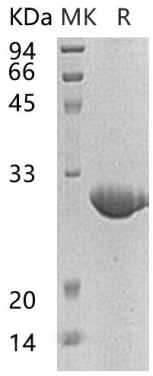
Description

Species	Human
Source	E.coli-derived Human NOL3 protein Met 1-Ser208
Calculated MW	22.6 kDa
Observed MW	29 kDa
Accession	O60936
Bio-activity	Not validated for activity

Properties

Purity	> 90 % as determined by reducing SDS-PAGE.
Concentration	Subject to label value.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Storage	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
Shipping	This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < - 20°C.
Formulation	Supplied as a 0.2 μm filtered solution of 20mM PB, 150mm NaCl, 1mM DTT, 1mM EDTA, 10% Glycerol, pH7.0.

Data



> 90 % as determined by reducing SDS-PAGE.

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 functions as an apoptosis repressor that blocks multiple modes of cell death. It inhibits extrinsic apoptotic pathways through two different ways. Firstly; it by interacting with FAS and FADD upon FAS activation blocking death-inducing signaling complex (DISC) assembly. Secondly by interacting with CASP8 in a mitochondria localization- and phosphorylation-dependent manner; limiting the amount of soluble CASP8 available for DISC-mediated activation. It has been shown to down-regulate the enzyme activities of caspase 2; caspase 8 and tumor protein p53.

Toll-free: 1-888-852-8623
Tel: 1-832-243-6086
Fax: 1-832-243-6017
Web:www.elabscience.com
Email:techsupport@elabscience.com