9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

NOL3 Human

Nucleolar Protein 3 Human Recombinant
RCP1516

Product Overview

Name	NOL3 Human
Description	
Nucleolar Protein 3 Human Recombinant	
Accession (Primary)	O60936
Synonyms	
Nucleolar protein 3 (apoptosis repressor with CARD domain), Muscle-enriched cytoplasmic protein, Nucleolar protein of 30 kDa, Apoptosis repressor with CARD, nucleolar protein 3, NOP30, CARD2, ARC, NOP, MYP, MYC.	
Introduction	
Nucleolar protein 3 (NOL3) is primarily expressed in the muscle and is appears in the nucleoplasm and concentrated in nucleoli. NOL3 is an anti-apoptotic protein which down-regulates the enzymatic activities of caspase 2, caspase 8 and tumor protein p53. NOL3 is highly expressed in the heart and skeletal muscle. NOL3 is identified at low levels in the placenta, liver, kidney and pancreas. The NOL3 mRNA and protein levels are stimulated by neuronal activity, which is vital in order to promote neuroplasticity, thus indicating a potential role for NOL3 in activity-dependent changes in dendrite function. NOL3 localizes to the cytoskeleton of neuronal cells and seems to colocalize with F-Actin, though it may connect with an actin-associated protein instead of directly with F-Actin.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The NOL3 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl, 1mM DTT, 1mM EDTA and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	

9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

MGSSHHHHHH SSGLVPRGSH MGS MGNAQER PSETIDRERK RLVETLQADS GLLLDALLAR GVLTGPEYEA LDALPDAERR VRRLLLLVQG KGEAACQELL RCAQRTAGAP DPAWDWQHVG PGYRDRSYDP PCPGHWTPEA PGSGTTCPGL PRASDPDEAG GPEGSEAVQS GTPEEPEPEL EAEASKEAEP EPEPEPELEP EAEAEPEPEL EPEPDPEPEP DFEERDESED S.

Precautions

NOL3 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (O60936)