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

ARL11 Human

ADP-Ribosylation Factor-Like 11 Human Recombinant
RCP0104

Product Overview

Name	ARL11 Human
Description	
ADP-Ribosylation Factor-Like 11 Human Recombinant	
Accession (Primary)	Q969Q4
Synonyms	
ADP-ribosylation factor-like protein 11, ADP-ribosylation factor-like tumor suppressor protein 1, ARL11, ARLTS1.	
Introduction	
ARL11 (ADP-ribosylation factor-like protein 11) belongs to the ARF family of the Ras superfamily of small GTPases which are known to be involved in multiple regulatory pathways altered in human carcinogenesis. ARFs are highly conserved guanine nucleotide binding proteins which enhance the ADP-ribosyltransferase activity of choleratoxin. ARFs are important in eukaryotic vesicular trafficking pathways and they have a vital role in the activation of phospholipase D (PC-PLD). ARL11 is assumed to act as a tumor suppressor which may have a role in the regulation of apoptosis.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
ARL11 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 5mM DTT,30% glycerol, 100mM NaCl and 1mM EDTA.	
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 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGSVNSRGHK AEAQVVMMGL DSAGKTTLLY KLKGHQLVET LPTVGFNVEP LKAPGHVSLT LWDVGGQAPL RASWKDYLEG TDILVYVLDS TDEARLPESA AELTEVLNDP NMAGVPFLVL	

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ANKQEAPDAL PLLKIRNRLS LERFQDHCWE LRGCSALTGE GLPEALQSLW SLLKSRSCMC LQARAHGAER GDSKRS.

Precautions

ARL11 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q969Q4)