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

ARL3 Human

ADP-Ribosylation Factor-Like 3 Human Recombinant
RCP0109

Product Overview

Name	ARL3 Human
Description	
ADP-Ribosylation Factor-Like 3 Human Recombinant	
Accession (Primary)	P36405
Synonyms	
ADP-ribosylation factor-like protein 3, ARL3, ARFL3.	
Introduction	
ARL3 (ARFL3) belongs to the ARF-like protein (ARL) subfamily of small GTPases. ARL3 does not activate the cholera toxin ADP-ribosyltranferase contrasting from ARFs. ARL3 is ubiquitously expressed. ARL3 may have a role in maintaining rod photoreceptor cells and regulating microtubule-dependent processes. ARL3 knockdown leads to altered cell morphology, failure of cytokinesis, acetylation of alpha tubulin and an increase in binucleated cells.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
ARL3 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 30% glycerol, 0.1M NaCl, 1mM DTT and 0.1mM PMSF.	
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 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGSH MGLLSI LRKLKSAPDQ EVRILLLGLD NAGKTTLLKQ LASEDISHIT PTQGFNIKSV QSQGFKLNVW DIGGQRKIRP YWKNYFENTD ILIYVIDSAD RKRFEETGQE LAELLEEEKL SCVPVLIFAN KQDLLTAAPA SEIAEGLNLH TIRDRVWQIQ SCSALTGEGV QDGMNWVCKN VNAKKK.	
Precautions	

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ARL3 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P36405)