9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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ARL1 Human

ADP-Ribosylation Factor-Like 1 Human Recombinant
RCP0103

Product Overview

Name	ARL1 Human
Description	
ADP-Ribosylation Factor-Like 1 Human Recombinant	
Accession (Primary)	P40616
Synonyms	
ARFL1.	
Introduction	
ARL1 is part of the ARL (ADP-ribosylation factor-like) family of proteins, which are structurally associated to ADP-ribosylation factors (ARFs). ARFs, described as activators of cholera toxin (CT) ADP-ribosyltransferase activity, control intracellular vesicular membrane trafficking, and stimulate a phospholipase D (PLD) isoform. ARL1 is a weak stimulator of PLD and CT in a phospholipid dependent manner. ARL1 is a GTP-binding protein that has low efficiency as allosteric activator of the cholera toxin catalytic subunit, an ADP-ribosyltransferase. ARL1 is involved in the Golgi apparatus.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
The ARL1 solution (0.25mg/ml) containing 20mM Tris-HCl pH-8, 2mM DTT, 100mM NaCl and 40% 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 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGGFFSSIFS SLFGTREMRI LILGLDGAGK TTILYRLQVG EVVTTIPTIG FNVETVTYKN LKFQVWDLGG QTSIRPYWRC YYSNTDAVIY VVDSCDRDRI GISKSELVAM LEEEELRKAI LVVFANKQDM EQAMTSSEMA NSLGLPALKD RKWQIFKTSA TKGTGLDEAM EWLVETLKSR Q.	

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Precautions

ARL1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P40616)