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

ARL4D Human

ADP-Ribosylation Factor-Like 4D Human Recombinant
RCP0111

Product Overview

Name	ARL4D Human
Description	
ADP-Ribosylation Factor-Like 4D Human Recombinant	
Accession (Primary)	P49703
Synonyms	
ADP-ribosylation factor-like 4D, ADP-ribosylation factor-like protein 4L, ARF4L, ARL6.	
Introduction	
ARL4D is a developmentally regulated member of the ADP-ribosylation factor/ARF-like protein (ARF/ARL) family of Ras-related GTPases. Small GTP-binding protein which cycles between an inactive GDP-bound and an active GTP-bound form, and the rate of cycling is regulated by guanine nucleotide exchange factors (GEF) and GTPase-activating proteins (GAP). ARL4D takes part in membrane-associated intracellular trafficking. Mutations in this gene is linked to Bardet-Biedl syndrome (BBS).	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The ARL4D solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 2mM DTT, 0.2M NaCl and 20% 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	
MGSSHHHHHH SSGLVPRGSH MGNHLTEMAP TASSFLPHFQ ALHVVVIGLD SAGKTSLLYR LKFKEFVQSV PTKGFNTEKI RVPLGGSRGI TFQVWDVGGQ EKLRPLWRSY TRRTDGLVFV VDAAEAERLE EAKVELHRIS RASDNQGVPV LVLANKQDQP GALSAAEVEK RLAVRELAAA TLTHVQGCSA VDGLGLQQGL ERLYEMILKR KKAARGGKKR R	

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Precautions

ARL4D Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P49703)