9051 Mira Mesa Blvd, #910094
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ARF5 Human

ADP-Ribosylation Factor 5 Human Recombinant
RCP0095

Product Overview

Name	ARF5 Human
Description	
ADP-Ribosylation Factor 5 Human Recombinant	
Accession (Primary)	P84085
Synonyms	
ADP-ribosylation factor 5, ARF5.	
Introduction	
ADP-ribosylation factor 5 (ARF5) is a small guanine nucleotide-binding protein which enhances the enzymatic activities of cholera toxin. ARF-dependent regulatory mechanisms include the coordination of spectrin interactions with golgi membranes and the connection of actin to the golgi via rho family-dependent G-protein localization and WASP/Arp2/3 complexes. ARF5 is involved in vesicular transport and functioning via phospholipase D activation.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
ARF5 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 20% glycerol and 0.1M NaCl.	
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 MGLTVSALFS RIFGKKQMRI LMVGLDAAGK TTILYKLKLG EIVTTIPTIG FNVETVEYKN ICFTVWDVGG QDKIRPLWRH YFQNTQGLIF VVDSNDRERV QESADELQKM LQEDELRDAV LLVFANKQDM PNAMPVSELT DKLGLQHLRS RTWYVQATCA TQGTGLYDGL DWLSHELSKR.	
Precautions	
ARF5 Human is for research use only and not for use in diagnostic or therapeutic procedures.	

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Target Information: (P84085)