9051 Mira Mesa Blvd, #910094
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ARF4 Human

ADP-Ribosylation Factor 4 Human Recombinant
RCP0094

Product Overview

Name	ARF4 Human
Description	
ADP-Ribosylation Factor 4 Human Recombinant	
Accession (Primary)	P18085
Synonyms	
ADP-ribosylation factor 4, ARF4, ARF2.	
Introduction	
ARF4 belongs to the ARF gene family whose members encode small guanine nucleotide-binding proteins which stimulate the ADP-ribosyltransferase activity of cholera toxin and have a role in vesicular trafficking and as activators of phospholipase D. The ARF proteins include five ARF proteins and eleven ARF-like proteins and constitute one family of the RAS superfamily. They are classified as class I, class II and class III; the ARF4 gene is a class II member. The members of each class share a common gene organization. The ARF4 gene spans approximately 12kb and contains 6 exons and 5 introns. The ARF4 gene is the most divergent member of the human ARFs.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The ARF4 solution (0.5 mg/ml) in 20mM Tris-HCl buffer (pH8.0), 0.2M NaCl, 5mM DTT 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 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGSH MGLTIS SLFSRLFGKK QMRILMVGLD AAGKTTILYK LKLGEIVTTI PTIGFNVETV EYKNICFTVW DVGGQDRIRP LWKHYFQNTQ GLIFVVDSND RERIQEVADE LQKMLLVDEL RDAVLLLFAN KQDLPNAMAI SEMTDKLGLQ SLRNRTWYVQ ATCATQGTGL YEGLDWLSNE LSKR.	

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Precautions

ARF4 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P18085)