9051 Mira Mesa Blvd, #910094
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ARL2BP Human

ADP-Ribosylation Factor-Like 2 Binding Protein Human Recombinant
RCP0108

Product Overview

Name	ARL2BP Human

Description

ADP-Ribosylation Factor-Like 2 Binding Protein Human Recombinant

Accession (Primary)	Q9Y2Y0

Synonyms

ADP-ribosylation factor-like protein 2-binding protein, ARF-like 2-binding protein, Binder of ARF2 protein 1, ARL2BP, BART, BART1.

Introduction

ARL2BP is an effector of ADP-ribosylation factor-like 2(ARL2) which is vital for nuclear retention of STAT3. The ARL2BP protein binds to ARL2.GTP with high affinity but does not interact with ARL2.GDP, activated ARF, or RHO proteins. Though primarily cytosolic, ARL2BP can enter the mitochondria and bind the adenine nucleotide transporter while bound to ARL2. Accordingly, it may also be involved in mitochondria transport and apoptosis.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

The ARL2BP solution (1 mg/ml) contains 20mM Tris-HCl Buffer (pH 7.5) and 10% 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 90.0% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MDALEGESFA LSFSSASDAE FDAVVGYLED IIMDDEFQLL QRNFMDKYYL EFEDTEENKL IYTPIFNEYI SLVEKYIEEQ LLQRIPEFNM AAFTTTLQHH KDEVAGDIFD MLLTFTDFLA FKEMFLDYRA EKEGRGLDLS SGLVVTSLCK SSSLPASQNN LRH.

Precautions

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ARL2BP Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9Y2Y0)