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

ARPC2 Human

Actin Related Protein 2/3 Complex, Subunit 2 Human Recombinant
RCP0118

Product Overview

Name	ARPC2 Human

Description

Actin Related Protein 2/3 Complex, Subunit 2 Human Recombinant

Accession (Primary)	O15144

Synonyms

ARC34, p34-Arc, PNAS-139, PRO2446, Actin-related protein 2/3 complex subunit 2, Arp2/3 complex 34 kDa subuni, ARPC2.

Introduction

Actin-related protein 2/3 complex subunit 2 (ARPC2), is a part of the Rho family of small GTPases and one of seven subunits of the human Arp2/3 protein complex. The Arp2/3 protein complex has been implicated in the control of actin polymerization in cells and has been conserved through evolution. Nevertheless, the exact role of the protein (the p34 subunit) has yet to be determined.

Source

E.coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

ARPC2 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 50% glycerol and 1mM DTT.

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 MGS MILLEVN NRIIEETLAL KFENAAAGNK PEAVEVTFAD FDGVLYHISN PNGDKTKVMV SISLKFYKEL QAHGADELLK RVYGSFLVNP ESGYNVSLLY DLENLPASKD SIVHQAGMLK RNCFASVFEK YFQFQEEGKE GENRAVIHYR DDETMYVESK KDRVTVVFST VFKDDDDVVI GKVFMQEFKE

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GRRASHTAPQ VLFSHREPPL ELKDTDAAVG DNIGYITFVL FPRHTNASAR DNTINLIHTF RDYLHYHIKC SKAYIHTRMR AKTSDFLKVL NRARPDAEKK EMKTITGKTF SSR.

Precautions

ARPC2 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (O15144)