9051 Mira Mesa Blvd, #910094
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ARPC5 Human

Actin Related Protein 2/3 Complex, Subunit 5 Human Recombinant
RCP0120

Product Overview

Name	ARPC5 Human

Description

Actin Related Protein 2/3 Complex, Subunit 5 Human Recombinant

Accession (Primary)	O15511

Synonyms

Actin-related protein 2/3 complex subunit 5, Arp2/3 complex 16 kDa subunit, p16-ARC, ARPC5, ARC16, MGC88523, dJ127C7.3.

Introduction

ARPC5 is a 151 amino acid subunit of the Arp2/3 complex. ARPC5 is believed to have a role in maintaining the integrity of Arp2/3. ARPC5 is a substrate for MAPKAPK-2 which, via phosphorylation of ARPC5, may participate in Arp2/3 regulatory functions and remodeling of the Actin cytoskeleton.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

The ARPC5 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 50% 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 MSKNTVSSAR FRKVDVDEYD ENKFVDEEDG GDGQAGPDEG EVDSCLRQGN MTAALQAALK NPPINTKSQA VKDRAGSIVL KVLISFKAND IEKAVQSLDK NGVDLLMKYI YKGFESPSDN SSAMLLQWHE KALAAGGVGS IVRVLTARKT V.

Precautions

ARPC5 Human is for research use only and not for use in diagnostic or therapeutic procedures.

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Target Information: (O15511)