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

RHOC Human

Ras Homolog Gene Family Member C Human Recombinant
RCP1868

Product Overview

Name	RHOC Human

Description

Ras Homolog Gene Family Member C Human Recombinant

Accession (Primary)	P08134

Synonyms

ARH9, ARHC, H9, RHOH9, RAS-related homolog 9, Rho cDNA clone 9, Rho-related GTP-binding protein RhoC, ARH9, MGC1448, MGC61427, RHOC.

Introduction

RHOC is a small signaling G protein/GTPase which is part of the Rac subfamily of the family Rho family of GTPases. RHOC rotats between inactive GDP-bound and active GTP-bound states and has a role as a molecular switch in signal transduction cascades. RHOC promotes reorganization of the actin cytoskeleton and regulates cell shape, attachment, and motility.

Source

Escherichia Coli.

Physical Appearance

Sterile filtered colorless solution.

Formulation

RHOC Human 0.5mg/ml solution containing 20mM Tris-HCl pH-8, 0.1M NaCl, 1mM DTT & 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 90.0% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MAAIRKKLVI VGDGACGKTC LLIVFSKDQF PEVYVPTVFE NYIADIEVDG KQVELALWDT AGQEDYDRLR PLSYPDTDVI LMCFSIDSPD SLENIPEKWT PEVKHFCPNV PIILVGNKKD LRQDEHTRRE LAKMKQEPVR SEEGRDMANR ISAFGYLECS AKTKEGVREV FEMATRAGLQ VRKNKRRRGC.

Precautions

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

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

Target Information: (P08134)