

32-4654: Recombinant Human Ras Homolog Gene Family Member C

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

Description

Source : Escherichia Coli. RHOC Recombinant Human produced in E.Coli is a single, non-glycosylated polypeptide chain containing 210 amino acids (1-190 a.a.) and having a molecular mass of 23.8 kDa. The RHOC is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques. RHOC is a small signaling G protein/GTPase which is part of the Rac subfamily of the family Rho family of GTPases. RHOC rotates 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.

Product Info

Amount : 10 µg
Purification : Greater than 90.0% as determined by SDS-PAGE.
Content : RHOC Human 0.5mg/ml solution containing 20mM Tris-HCl pH-8, 0.1M NaCl, 1mM DTT & 20% glycerol.
Storage condition : 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.
Amino Acid : MGSSHHHHHH SGLVPRGSH MAAIRKKLVI VGDGACGKTC LLIVFSKDQF PEVYVPTVFE
NYIADIEVDG KQVELALWDT AGQEDYDRLR PLSYPDTDVI LMCFSIDSPD SLENIPEKWT
PEVKHFPCNV PIILVGNKKD LRQDEHTRRE LAKMKQEPVR SEEGRDMANR ISAFGYLECS
AKTKEGVREV FEMATRAGLQ VRKNKRRRGC.

