

HUMAN RHOC(1-189) PROTEIN, HFC TAG

货号: 11902

产品全名: 人 RHOC(1-189) 蛋白

规格: 10/50/100 µg

基因符号 ARH9;ARHC;H9;RHOH9

目标蛋白: RhoC

UNIPROT ID: P08134

描述: Recombinant Human RHOC(1-189) Protein with C-terminal human Fc tag

背景: This gene encodes a member of the Rho family of small GTPases, which cycle between inactive GDP-bound and active GTP-bound states and function as molecular switches in signal transduction cascades. Rho proteins promote reorganization of the actin cytoskeleton and regulate cell shape, attachment, and motility. The protein encoded by this gene is prenylated at its C-terminus, and localizes to the cytoplasm and plasma membrane. It is thought to be important in cell locomotion. Overexpression of this gene is associated with tumor cell proliferation and metastasis. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Jul 2008]

物种/宿主: HEK293

分子量: The protein has a predicted molecular mass of 47.7 kDa after removal of the signal peptide. The apparent molecular mass of RHOC(1-189)-hFc is approximately 35-55 kDa due to glycosylation.

分子特征: RHOC(Met1-Gly189) hFc(Glu99-Ala330)

纯化: The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

储存和运输: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.



Figure 1. Human RHOC(1-189) Protein, hFc Tag on SDS-PAGE under reducing condition.