



[Go to Product page](#)

Datasheet for ABIN6964315 RHOC Protein (Fc Tag)

Overview

Quantity:	100 µg
Target:	RHOC
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RHOC protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Human RHOC Protein with C-terminal human Fc tag
Specificity:	RHOC (Met1-Cys190) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purification:	affinity purification
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	RHOC
Alternative Name:	RhoC (RHOC Products)
Background:	Synonyms: ARH9, ARHC, H9, RHOH9 Description: 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

Target Details

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]

Molecular Weight: predicted molecular mass of 47.8 kDa after removal of the signal peptide. The apparent molecular mass of RHOC-hFc is 35-55 kDa due to glycosylation.

UniProt: [P08134](#)

Pathways: [WNT Signaling](#), [Cell-Cell Junction Organization](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute with deionized water

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Preservative: Without preservative

Storage: -20 °C, -80 °C

Storage Comment: 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.

Expiry Date: 12 months