

Datasheet for ABIN7491411  
**RHOC Protein (AA 1-189) (Fc Tag)**



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1 Image

## Overview

Quantity:	100 µg
Target:	RHOC
Protein Characteristics:	AA 1-189
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(1-189) Protein with C-terminal human Fc tag
Specificity:	RHOC (Met1-Gly189) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
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:	<a href="#">RhoC (RHOC Products)</a>
Background:	This gene encodes a member of the Rho family of small GTPases, which cycle between

## Target Details

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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]

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Molecular Weight: predicted molecular mass of 47.7 kDa after removal of the signal peptide. The apparent molecular mass of RHOC(1-189)-hFc is 35-55 kDa due to glycosylation.

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UniProt: [P08134](#)

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

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

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

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Storage: -20 °C, -80 °C

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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.

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Expiry Date: 12 months



### SDS-PAGE

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