

Recombinant Full Length Human RHOC Protein, C-Flag-tagged

Cat. No. RHOC-1350HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human RHOC Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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 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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	21.8 kDa
AA Sequence	MAAIRKKLVIVGDGACGKTCLLIVFSKDQFPEVYVPTVFENYIADIEVDGKQVELALW DTAGQEDYDRLR PLSYPD TDVILMCF SIDSPDSLENIPEKWTPEVKHF CPNVPIILVG NKKDLRQDEHTRRELAKMKQEPVR SEEGRDMANRISAFGYLECSAKTKEGVREVFEMATRAGLQVRKNKRRRGCPILTRT

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	RPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Full Length	Full L.

GENE INFORMATION

Gene Name	RHOC ras homolog family member C [Homo sapiens (human)]
Official Symbol	RHOC
Synonyms	H9; ARH9; ARHC; RHOH9
Gene ID	389
mRNA Refseq	NM_001042679.2
Protein Refseq	NP_001036144.1

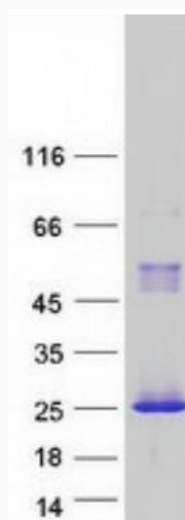
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MIM 165380

UniProt ID P08134



Coomassie blue staining of purified RHOC protein.

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