

Recombinant Human RHOA

Cat. No. RHOA-27379TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human RhoA, MWt 22kDa.
Species	Human
Source	E.coli
Description	Ras homolog gene family, member A (RhoA) is a small GTPase protein known to regulate the actin cytoskeleton in the formation of stress fibers. In humans, it is encoded by the gene RHOA.
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	pH: 7.20Constituents:0.019% Magnesium chloride, 0.595% HEPES, 0.077% DTT, 0.00088% GDP, 0.232% Sodium chloride
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequence Similarities	Belongs to the small GTPase superfamily. Rho family.
Full Length	Full L.

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GENE INFORMATION

Gene Name	RHOA ras homolog gene family, member A [Homo sapiens]
Official Symbol	RHOA
Synonyms	RHOA; ras homolog gene family, member A; ARH12, ARHA; transforming protein RhoA; Rho12; RhoA; RHOH12;
Gene ID	387
mRNA Refseq	NM_001664
Protein Refseq	NP_001655
MIM	165390
Uniprot ID	P61586
Chromosome Location	3p21.3
Pathway	Adherens junction, organism-specific biosystem; Adherens junction, conserved biosystem; Alpha6-Beta4 Integrin Signaling Pathway, organism-specific biosystem; Arf6 downstream pathway, organism-specific biosystem; Aurora B signaling, organism-specific biosystem;
Function	GTP binding; GTPase activity; myosin binding; nucleotide binding; protein binding;

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