

Recombinant Human Ras Homolog Gene Family, Member A, GST-tagged

Cat. No. RHOA-1146H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	E.coli
Description	A small GTPase of the Ras superfamily. Regulates stress fiber formation in response to growth factor stimulation. The GST-Tag facilitates the protein's application in typical GST pull-down assays.
Usage	For in vitro use only.
Form	Liquid. Supplied in 25 mM HEPES pH 7.2, 40 mM NaCl, 5 mM DTT, 2 mM MgCl ₂ and 10 mM GDP.
Purity	> 90% by SDS-PAGE.
Storage	Quality guaranteed for 12 months, Store at -80°C. Avoid freeze / thaw cycles.
nullValue_other	Adherens junction; Axon guidance; Chemokine signaling pathway; Colorectal cancer; Leukocyte transendothelial migration; Neurotrophin signaling pathway; Pathogenic Escherichia coli infection; Regulation of actin cytoskeleton; T cell receptor signaling pathway; TGF-beta signaling pathway; Tight junction; Vascular smooth muscle contraction; Wnt signaling pathway; Signaling by Rho GTPases; Signaling by GPCR;

 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

Signalling by NGF

GENE INFORMATION

Gene Name [RHOA ras homolog gene family, member A \[Homo sapiens \]](#)

Synonyms RHOA; ras homolog gene family, member A; ARHA; ARH12; RHO12; RHOH12; oncogene RHO H12; Aplysia ras-related homolog 12; small GTP binding protein RhoA

Gene ID [387](#)

mRNA Refseq [NM_001664](#)

Protein Refseq [NP_001655](#)

MIM [165390](#)

UniProt ID [P61586](#)

Chromosome Location 3p21.3

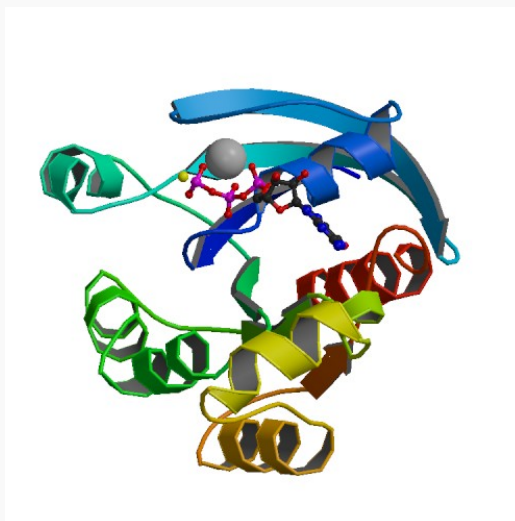
Function GTP binding; GTPase activity; magnesium ion binding; myosin binding; nucleotide binding; protein binding

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on 1a2b.



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