

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

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

SPECIFICATION

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; Signalling by NGF

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GENE INFORMATION

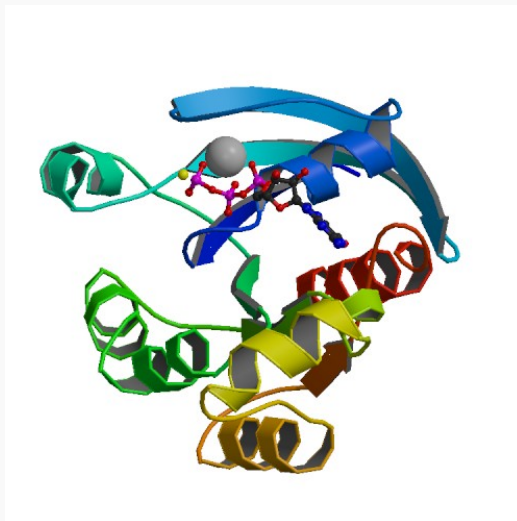
Gene Name	RHOA ras homolog gene family, member A [Homo sapiens]
Synonyms	RHOA; ras homolog gene family, member A; ARHA; ARH12; RHO12; RHOH12; oncogene RHO H12; Aplysia ras-related homolog 12; small GTP binding protein RhoA
Gene ID	387
mRNA Refseq	NM_001664
Protein Refseq	NP_001655
MIM	165390
UniProt ID	P61586
Chromosome Location	3p21.3
Function	GTP binding; GTPase activity; magnesium ion binding; myosin binding; nucleotide binding; protein binding

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