

Recombinant Mouse Rhoa Protein, MYC/DDK-tagged

Cat. No. Rhoa-641M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse ras homolog family member A (Rhoa), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
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. Overexpression of this gene is associated with tumor cell proliferation and metastasis. Multiple alternatively spliced variants have been identified.
Molecular Mass	22.2 kDa
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 after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

 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

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Rhoa ras homolog family member A [*Mus musculus* (house mouse)]

Official Symbol Rhoa

Synonyms Rhoa; ras homolog family member A; Arha; Arha1; Arha2; transforming protein RhoA; aplysia ras-related homolog A; ras homolog gene family, member A; EC 3.6.5.2

Gene ID 11848

mRNA Refseq NM_016802

Protein Refseq NP_058082

UniProt ID Q9QUI0

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