

## RHOA Human

**Description:** RHOA Human Recombinant fused with a 37 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 227 amino acids (1-190 a.a.) and having a molecular mass of 25.7kDa (Molecular size on SDS-PAGE will appear higher). The RHOA is purified by proprietary chromatographic techniques.

**Catalog #:** PRPS-064

For research use only.

**Synonyms:** Transforming protein RhoA, Rho cDNA clone 12, h12, RHOA, ARH12, ARHA, RHO12, RHOH12.

**Source:** Escherichia Coli.

**Physical Appearance:** Sterile Filtered colorless solution.

**Amino Acid Sequence:** MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMAA  
IRKKLVIVGD GACGKTCLLI VFSKDQFPEV YVPTVFENYV ADIEVDGKQV ELALWDTAGQ  
EDYDRLRPLS YPDTDVILMC FSIDSPDSLE NIPEKWTPEV KHFCPNVPPII LVGNKKDLRN  
DEHTRRELAK MKQEPVKPEE GRDMANRIGA FGMECSAKT KDGVRVVFEM ATRAALQARR  
GKKKSGC.

**Purity:** Greater than 90.0% as determined by SDS-PAGE.

### Formulation:

The RHOA solution (1 mg/ml) 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 1mM DTT.

### Stability:

RHOA should be stored desiccated below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

### Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

### Introduction:

RhoA is a member of the small GTPase superfamily, Rho family, whose members are involved in the regulation and timing of cell division. RHOA is a small GTPase protein which acts to regulate the actin cytoskeleton in the formation of stress fibers and also upon 2 known effector proteins: ROCK1 (Rho-associated, coiled-coil containing protein kinase 1) and DIAPH1 (diaphanous homolog 1 (Drosophila)).

**To place an order, please [Click HERE](#).**