

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 VFSKQDFPEV YVPTVFENYV ADIEVDGKQV ELALWDTAGQ
EDYDRLRPLS YPDTDVILMC FSIDSPDSLE NIPEKWTPEV KHFCPNVPII LVGNKKDLRN
DEHTRRELAK MKQEPVKPEE GRDMANRIGA FGMECSAKT KDGVREVFEM 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)).

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