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32-4652: Recombinant Human Ras Homolog Gene Family Member A

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

Description

Source : Escherichia Coli. 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. 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).

Product Info

Amount :	20 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	The RHOA solution (1 mg/ml) 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 1mM DTT.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSHMAA IRKKLVIVGD GACGKTCLLI VFSKDQFPEV YVPTVFENYV ADIEVDGKQV ELALWDTAGQ EDYDRLRPLS YPDTDVILMC FSIDSPDSLE NIPEKWTPEV KHFCPNVPII LVGNKKDLRN DEHTRRELAK MKQEPVKPEE GRDMANRIGA FGYMECSAKT KDGVREVFEM ATRAALQARR GKKKSGC.

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