

## 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

<b>Amount :</b>	20 µg
<b>Purification :</b>	Greater than 90.0% as determined by SDS-PAGE.
<b>Content :</b>	The RHOA solution (1 mg/ml) 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 1mM DTT.
<b>Storage condition :</b>	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.
<b>Amino Acid :</b>	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSHMAA IRKLVIVGD GACGKTCLLI VFSKDQFPEV YVPTVFENYV ADIEVDGKQV ELALWDTAGQ EDYDRLRPLS YPDTDVILMC FSIDSPDSLE NIPEKWTPEV KHFCPNVPII LVGNKKDLRN DEHTRRELAK MKQEPVKPEE GRDMANRIGA FGYPECSAKT KDGVREVFEM ATRAALQARR GKKKSGC.