

**RhoC, 1-190aa, Human, His tag, E.coli**

**Cat.NO.: TP03735**

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3th Edition

**Synonyms:**Rho-related GTP-binding protein RhoC, ARH9, ARHC, H9, RHOH9

**Description:**RhoC, also known as rho-related GTP-binding protein RhoC, is a small signaling G protein (more specifically a GTPase), and is a member of the Rac subfamily of the family Rho family of GTPases. It cycles between inactive GDP-bound and active GTP-bound states and function as molecular switches in signal transduction cascades. RhoC promotes reorganization of the actin cytoskeleton and regulate cell shape, attachment, and motility.

**Form:**Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol 0.1M NaCl,1mM DTT

**Molecular Weight:**23.8 (210aa) confirmed by MALDI-TOF (Real molecular weight on SDS-PAGE will be shift up)

**Sequences:**

MGSSHHHHHSSGLVPRGSHMAAIRKKLVIVGDGACGKTCLLIVFSKDQFPEVYVPTVFENYIADIEVDGKQVELAL  
WDTAGQEDYDRLRPLSYPD TDVILMCF SIDSPDSLENIPEKWTPEVKHF C PNVPIILVGNKKDLRQDEHTRRELAKM  
KQEPVRSEEGRDMANRISAFGYLECSAKTKEGVREVFEMATRAGLQVRKNKRRRG C

**Purity:**> 95% by HPLC

**Concentration:**0.5 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.