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RND3, 1-241aa, Human, His tag, E.coli

产品货号: TP03750

第三版

别名:Rho-related GTP-binding protein RhoE, ARHE, memB, Rho8, RhoE

描述:Rho-related GTP-binding protein RhoE, also known as RND3, is a small GTPase of the Ras superfamily that regulate the organization of the actin cytoskeleton in response to extracellular growth factors. RND3 activity leads to a decrease in stress fibers and increased cell migration, at least in part through regulation of the Rho-dependent kinase ROCK1.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 40% glycerol, 1mM EDTA, 0.1M NaCl

分子量:29.2kDa (261aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMKERRASQKLSSKSIDPNQNVKCKIVVVGDSQCGKTALLHVFAKDCFPENYVPTVFE
NYTASFEIDTQRIELSLWDTSGSPYYDNVRPLSYDSDAVLICFDISRPETLDSVLKKWKGEIQEFCPNTKMLLVGCKSDLRT
DVSTLVELSNHRQTPVSYDQGANMAKQIGAATYIECSALQSENSVRDIFHVATLACVNKTNKNVKNKSRATKRISHM
PSRPELSAVATDLRKDKAKSC

纯度:> 95% by HPLC

浓度:0.5 mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.