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RND1, 1-200aa, Human, His tag, E.coli

产品货号: TP03749

第三版

别名: Rho-related GTP-binding protein Rho6, ARHS, FLJ42294, RHO6, RHO

描述: RND1, also known as Rho 6, is Rho-related GTPases form a distinct branch of the Rho family, since they differ from other Rho proteins in size, charge, and biochemical properties. It appears to be constitutively in the activated GTP-bound form and acts as negative regulators of actin assembly and of cell adhesion. It contributes to regulating the organization of the actin cytoskeleton in response to extracellular growth factors.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 30% glycerol 0.1M NaCl, 1mM DTT

分子量: 24.5 kDa (220aa), confirmed by MALDI-TOF (Molecular size on SDS-PAGE will appear higher)

序列:

MGSSHHHHHHSSGLVPRGSHMKERRAPQPVARCKLVLVGDVQCGKTAMLQVLAKDCYPETYVPTVFENYTACLETE
EQRVELSLWDTSGSPYYDNVRPLCYSDSDAVLLCFDISRPETVDSALKKWRTEILDYCPSTRVLLIGCKTDLRTDLSTLMELS
HQQQAPISYEQGCIAKQLGAEIYLEGSAFTSEKSIHSIFRTASMLCLNKPSPLPQKSPV

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.