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RhoG, 1-188aa, Human, His tag, E.coli

产品货号: TP03737

第三版

别名: Rho-related GTP-binding protein RhoG, ARHG

描述: RhoG (Ras homology Growth-related) is a member of the Rac subfamily of the Rho family of small G proteins. RhoG is a small monomeric GTP-binding protein (G protein), and is an important component of many intracellular signalling pathways. This protein are required for the formation of membrane ruffles during macropinocytosis. It plays a role in cell migration and is required for the formation of cup-like structures during trans-endothelial migration of leukocytes.

配方: Liquid. In 20 mM Tris-HCl buffer, pH8.0, 40% glycerol, 5mM DTT, 200mM NaCl

分子量: 25.2kDa (225aa) confirmed by MALDI-TOF

序列:

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSHMQSIKCVVVG DGAVGKTCLLIC YTTNAFPKEYIPTVFD
NYSAQSAVDGRTVNLNLWDTAGQEEYDRLRTLSTYPQTNVVICFSIASPPSYENVRHKWHPEVCHHCPDVPILLVGTKK
DLRAQPDTLRLKEQQQAPITPQQGQALAKQIHAVRYLECSALQQDGVKEVFAEAVRAVLNPTPIKRGKSC

纯度: > 95% by HPLC

浓度: 0.25mg/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.