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RHOQ, 1-202aa, Human, His tag, E.coli

产品货号: TP03738

第三版

别名: Rho-related GTP-binding protein RhoQ precursor , ARHQ, RASL7A, TC10, TC10A

描述: RHOQ, also known as rho-related GTP-binding protein RhoQ, 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 involved in epithelial cell polarization processes. It may play a role in CFTR trafficking to the plasma membrane. It causes the formation of thin, actin-rich surface projections called filopodia. Recombinant human RhoQ protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol, 1mM DTT

分子量: 24.7kDa (225aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSMAGPGALMLKCVVVG DGAVGKTCLLSYANDAFPEEYVPTVFDHYAVSVTVG
GKQYLLGLYDTAGQEDYDRLRPLSYPM TDVFLICFSV VNPASFQNVKEEWVPELKEYAPNVPFL LIGTQIDL RDDPKTLAR
LNDMKEK PICVEQGQKLAK EIGACCYVECSALTQKGLKTVFDEAIIAILTPKKHTVKKRIGSRCINCC

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.