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RRAS, 1-215 aa, Human, His-tagged, Recombinant, E.coli

产品货号: TP03802

第三版

别名: Ras-related protein R-Ras

描述: RRAS, also known as ras-related protein R-Ras, belongs to the Ras family which functions in signal transduction pathways. This protein has been shown to interact with RASSF5, NCK1, Bcl-2, ARAF and RALGDS. RRAS can bind GTP and GDP, and it has intrinsic GTPase activity. It also regulates the organization of the actin cytoskeleton. Recombinant RRAS protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.1M NaCl

分子量: 25.3 kDa (235aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMSSGAASGTGRGRPRGGGPGDPSPETHKLVVVGGGGVGKSALTIQFIQSYFVSDYD
PTIEDSYTKICSDGIPARLDILDITAGQEEFGAMREQYMRAGHGFLLVFAINDRQSFNEVGKLFQILRVKDRDDFPVVLV
GNKADLESQRQVPRSEASAFGASHHVAYFEASAKLRLNVDEAFEQLVRAVRKYQEQLPPSPSAPRKKGGGCP

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.