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RGS17, 1-210aa, Human, His tag, E.coli

产品货号: TP03726

第三版

别名: Regulator of G-protein signaling 17, hRGS17, RGS-17, RGSZ2.

描述: RGS17, also known as regulator of G-protein signaling 17, attenuates the signaling activity of Gproteins by binding to activated, GTP-bound G alpha subunits and acting as a GTPase activating protein (GAP), increasing the rate of conversion of the GTP to GDP. This hydrolysis allows the G alpha subunits to bind G beta/gamma subunit heterodimers, forming inactive G-protein heterotrimers, thereby terminating the signal.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.1M NaCl, 1mM DTT

分子量: 26.5 kDa(230aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMRKRQQSQNEGTPAVSQAPGNQRPNNTCCFCWCCCCSCSCLTVRNEERGENAGRPT
HTTKMESIQVLEECQNPTAEEVLSWSQNFDMKMMKAPAGRNLFREFLRTEYSEENLLFWLACEDLKKEQNKKVIEEKARMI
YEDYISILSPKEVSLDSRVREVINRNLLDPNPHMYEDAQLQIYTLMHRDSFPRFLNSQIYKSFVESTAGSSSES

纯度: > 95% by HPLC

浓度: 1.0 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.