

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

RGS5, 1-181aa, Human, His tag, E.coli

产品货号: TP03731

第三版

别名: Regulator of G-protein signaling 5, MST092, MST106, MST129, MSTP032, MSTP092, MSTP106, MSTP129.

描述: RGS5, also known as regulator of G-protein signaling 5, binds directly to activated G alpha subunits and act as GTPase-activating proteins (GAPs) to attenuate and/or modulate hormone and neurotransmitter receptor-initiated signaling by both G alpha-GTP and G beta gamma. Vascular endothelial cells express the RGS protein RGS5, where it correlates with capillary morphogenesis, thus rendering it a candidate gene involved in capillary growth, angiogenesis, and also potentially the pathophysiology of stroke.

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

分子量: 23.5 kDa (205aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSHMCKGLAALPHSCLERAKEIKIKLGILLQKPDSVGDLVIPYNEKPEKPAKTQKTSLD
EALQWRDSLDKLLQNNYGLASFKSFLKSEFSEENLEFWIACEDYKKIKSPAKMAEKAKQIYEEFIQTEAPKEVNIDHFTKDIT
MKNLVEPSLSSFDMAQKRIHALMEKDSLPRFVRSEFYQELIK

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.