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RSG1, 1-258aa, Human, His tag, E.coli

产品货号: TP03805

第三版

别名: REM2 and RAB-like small GTPase 1, C1orf89, RP4-733M16.4

描述: RSG1 plays a role in targeted membrane trafficking most probably at the level of vesicle fusion with membranes. This protein is involved in cilium biogenesis by regulating the transport of cargo proteins to the basal body and to the apical tips of cilia. Recombinant human RSG1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.5) containing 0.2M NaCl, 50% glycerol, 2mM DTT

分子量: 30.9 kDa (281aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSMARPPVPGSVVVPNWHEAEGKEYLACILRKNRRRVFGLLERPVLLPPVSIDTASYK
IFVSGKSGVGKTALVAKLAGLEVPVHHETTGIQTTVVFWPAKLQASSRVVMFRFEFWDCGESALKKFDHMLLACMENT
DAFLFLSFTDRASFEDLPGQLARIAGEAPGVVRMVGSKFDQYMHTDVPERDLTAFRQAWELPLLRVKSVPGRRLADGRT
LDGRAGLADVAHILNGLAEQLWHQDQVAAGLLPNPPESAPE

纯度: > 95% by HPLC

浓度: 0.25 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.