

32-4715: Recombinant Human REM2 and RAB-Like Small GTPase 1

Alternative Name : REM2- and Rab-like small GTPase 1,RSG1,C1orf89,RP4-733M16.4.

Description

Source : Escherichia Coli. RSG1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 281 amino acids (1-258 a.a) and having a molecular mass of 30.9kDa.RSG1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. REM2 and RAB-Like Small GTPase 1 (RSG1) plays a part in targeted membrane trafficking most likely at the level of vesicle fusion with membranes. The RSG1 protein is involved in cilium biogenesis by regulating the transportation of cargo proteins to the basal body and to the apical tips of cilia. RSG1 is a potential effector of the planar cell polarity signaling pathway. RSG1 is also involved in exocytosis in secretory cells.

Product Info

Amount :	5 µg
Purification :	Greater than 85.0% as determined by SDS-PAGE.
Content :	RSG1 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.5), 0.2M NaCl, 50% glycerol and 2mM DTT.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SGLVPRGSH MGSMARPPVP GSVVVPNWHE SAEGKEYLAC ILRKNRRRVF GLLERPVLLP PVSIDTASYK IFVSGKSGVG KTALVAKLAG LEVPVVHET TGIQTTVFW PAKLQASSRV VMFRFEFWDC GESALKKFDH MLLACMENTD AFLFLSFTD RASFEDLPGQ LARIAGEAPG VVRMVISKF DQYMHTDVPE RDLTAFRQAW ELPLLRVKS V PGRRLADGRT LDGRAGLADV AHILNGLAEQ LWHQDQVAAG LLPNPESAP E.