

REM2 and RAB-Like Small GTPase 1 Human Recombinant

Item Number	rAP-3890
Synonyms	REM2- and Rab-like small GTPase 1, RSG1, C1orf89, RP4-733M16.4.
Description	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.
Uniprot Accession Number	Q9BU20
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMARPPVP GSVVVPNWHE SAEGKEYLAC ILRKNRRRVF GLLER- PVLLP PVSIDTASYK IFVSGKSGVG KTALVAKLAG LEVPVVHHET TGIQTTVFW PAKLQASSRV VMFRFEFWDC GESALKKFDH MLLACMENTD AFLFLFSFTD RASFEDLPGQ LARIAGEAPG VVRMVIG- SKF DQYMHTDVPE RDLTAFRQAW ELPLLRVKSVPGRRLADGRT LDGRAGLADV AHILNGLAEQ LWHQDQVAAG LLPNPESAP E.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	RSG1 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.5), 0.2M NaCl, 50% glycerol and 2mM DTT. Greater than 85.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**