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RRAGC, 1-399aa, Human, His tag, E.coli

产品货号: TP03801

第三版

**别名:**Ras-related GTP binding C, GTR2, RAGC.

**描述:**Ras-related GTP binding C, also known as RRAGC, is a monomeric guanine nucleotide-binding protein, or G protein. By binding GTP or GDP, small G proteins act as molecular switches in numerous cell processes and signaling pathways. RRAGC has intrinsic GTPase activity. It also regulates the organization of the actin cytoskeleton. Recombinant human RRAGC 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 8.0) containing 1mM DTT, 10% glycerol, 0.1M NaCl

**分子量:**46.7kDa (423aa) confirmed by MALDI-TOF

**序列:**

MGSSHHHHHHSSGLVPRGSHMGSHMSLQYGAETPLAGSYGAADSFPAKDFGYGVVEEEEEAAAAGGGVGAGAGGGCG  
PGGADSSKPRILLMGLRRSGKSSIQKVVFKMSPNETLFLESTNKIYKDDISNSSFVNFQIWDFFGQMDFFDPTFDYEMIFRG  
TGALIYVIDAQDDYMEALTRLHITVSKAYKVNPD MNFEVFIHKVDGLSDDHKIETQRDIHQRANDDLADAGLEKLHLSFY  
LTSIYDHSIFEAFSKVVQKLIPQLPTLENLLNIFISNSGIEKAFLFDVVSKIYIATDSSPVD MQSYELCCDMIDVVIDVSCIYGLK  
EDGSGSAYDKESMAIIKLNNTTVLYLKEVTKFLALVCILREESFERKGLIDYNFHCFRKAIHEVFEVGVTS HRSCGHQTSASS  
LKALTHNGTPRNAI

**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.