9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-4711: Recombinant Human Ras-Related GTP Binding C

Alternative Name : Ras-related GTP-binding protein C,Rag C,RagC,GTPase-interacting protein 2,TIB929,RRAGC,GTR2.

Description

Source : Escherichia Coli. RRAGC Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 423 amino acids (1-399 a.a) and having a molecular mass of 46.7kDa.RRAGC is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Ras-related GTP binding C (RRAGC) is a monomeric guanine nucleotide-binding protein, or G protein. As a result of binding GTP or GDP, small G proteins act as molecular regulators in various cell processes and signaling pathways. RRAGC regulates the organization of the actin cytoskeleton and has an intrinsic GTPase activity. RRAGC is possibly necessary for the amino acid-induced relocalization of mTORC1 to the lysosomes and its succeeding activation by the GTPase RHEB, which is key step in the activation of the TOR signaling cascade by amino acids.

Product Info

Amount :	20 µg
Purification :	Greater than 85.0% as determined by SDS-PAGE.
Content :	RRAGC protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 10% glycerol and 0.1M NaCl.
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 SSGLVPRGSH MGSHMSLQYG AEETPLAGSY GAADSFPKDF GYGVEEEEEE AAAAGGGVGA GAGGGCGPGG ADSSKPRILL MGLRRSGKSS IQKVVFHKMS PNETLFLEST NKIYKDDISN SSFVNFQIWD FPGQMDFFDP TFDYEMIFRG TGALIYVIDA QDDYMEALTR LHITVSKAYK VNPDMNFEVF IHKVDGLSDD HKIETQRDIH QRANDDLADA GLEKLHLSFY LTSIYDHSIF EAFSKVVQKL IPQLPTLENL LNIFISNSGI EKAFLFDVVS KIYIATDSSP VDMQSYELCC DMIDVVIDVS CIYGLKEDGS GSAYDKESMA IIKLNNTTVL YLKEVTKFLA LVCILREESF ERKGLIDYNF HCFRKAIHEV FEVGVTSHRS CGHQTSASSL KALTHNGTPR NAI.