

32-4549: Recombinant Human RAB13, Member RAS Oncogene Family

Alternative Name : RAB13 member RAS oncogene family, Cell growth-inhibiting gene 4 protein, Growth-inhibiting gene 4 protein, RAS-associated protein RAB13.

Description

Source : Escherichia Coli. RAB13 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 220 amino acids (1-200) and having a molecular mass of 24.7 kDa. The RAB13 is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques. RAB13 is a member of the small GTPase superfamily which are nontransforming monomeric GTP-binding proteins that hold 4 extremely conserved regions that take part in GTP binding and hydrolysis. In addition, RAB proteins have a vital role in the endocytic pathways. The GTPase Rab13 regulates the assembly of functional epithelial tight junctions (TJs) and is expressed in every phase of preimplantation development.

Product Info

Amount : 10 µg

Purification : Greater than 85.0% as determined by SDS-PAGE.

Content : RAB13 protein (0.25mg/ml) is supplied in 20mM Tris-HCL, pH-8, 1mM DTT, 200mM NaCl, 1mM EDTA and 20% Glycerol.

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 SSSLVPRGSH MAKAYDHLFK LLLIGDSGVG KTCLIRFAE DNFNNTYIST IGIDFKIRTV DIEGKKIKLQ VWDTAGQERF KTITTAYYRG AMGIILVYDI TDEKSFENIQ NWMKSIKENA SAGVERLLLG NKCDMEAKRK VQKEQADKLA REHGIRFFET SAKSSMNVD EAFSSLARDIL LKSGGRRSGN GNKPPSTDLK TCDKKNTNKC

