

32-4555: Recombinant Human RAB21, Member RAS Oncogene Family

Alternative Name : Ras-related protein Rab-21,RAB21,KIAA0118.

Description

Source : Escherichia Coli. RAB21 Human Recombinant fused with a 37 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 242 amino acids (18-222 a.a.) and having a molecular mass of 27.1kDa. The RAB21 is purified by proprietary chromatographic techniques. Ras-related protein Rab-21 (RAB21) belongs to the Ras superfamily of small GTP-binding proteins. Rab21 is an integrin-associated protein and a positive regulator of integrin traffic. Rab21 associates with the cytoplasmic domains of alpha-integrin chains and their expression influences the endo/exocytic traffic of integrins. This function of Rab21 depends on its GTP/GDP cycle and right membrane targeting.

Product Info

Amount :	10 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	The RAB21 solution (0.5 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol, 2mM DTT, 200mM NaCl and 1mM PMSF.
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 :	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMYSF KVVLLGEGCV GKTSLVRLRYC ENKFNDKHIT TLQASFLTKK LNIGGKRVNL AIWDTAGQER FHALGPIYYR DSNAILVYD ITDEDSFQKV KNWVKELRKM LGNEICLCIV GNKIDLEKER HVS IQEAE SY AESV GAKHYH TSAKQNKGIE ELFLDLCKRM IETAQVDERA KGN GSSQP GT ARR GVQIIDD EPQAQTSGGG CC.

