

RAB14 Human

Description: RAB14 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 238 amino acids (1-215) and having a molecular mass of 26.3 kDa. The RAB14 is fused to a 23 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.

Catalog #: PRPS-880

For research use only.

Synonyms: RAB14 member RAS oncogene family, FBP, bA165P4.3 (member RAS oncogene family), F protein-binding protein 1, ras-related protein Rab-14, small GTP binding protein RAB14.

Source: Escherichia Coli.

Physical Appearance: RAB14 is supplied as a sterile filtered clear solution.

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MGSMATAPYN YSYIFKYIII
GDMGVGKSL LHQFTEKKFM ADCPHTIGVE FGTRIEVSG QKIKLQIWDT AGQERFRAVT
RSYYRGAAGA LMVYDITRRS TYNHLSSWLT DARNLTNPNT VIILIGNKAD LEAQRDVTYE
EAKQFAEENG LLFLEASAKT GENVEDAFLE AAKKIYQNIQ DGSLDLNAE SGVQHKPSAP
QGGRLTSEPQ PQ

Purity: Greater than 90.0% as determined by SDS-PAGE.

Formulation:

RAB14 protein 0.5mg/ml is supplied in 20mM Tris-HCL, pH-8, 0.1M NaCl, 1mM DTT and 20% Glycerol.

Stability:

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.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:

RAB14 belongs to the RAB protein family, low molecular mass monomeric GTPases which is found on the cytoplasmic surfaces of distinct membrane bound organelles. RAB14 has a role in vesicular trafficking and neurotransmitter release throughout the body and is expressed at high levels in brain, lung, kidney, spleen and thymus. In addition, RAB14 takes part in the biosynthetic/recycling pathway between the Golgi and endosomal compartments.

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