

RAB18 Human

Description: RAB18 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 221 amino acids (1-206) and having a molecular mass of 24.5 kDa. RAB18 is fused to a 15 amino acid T7-tag at N-terminus & purified by proprietary chromatographic techniques.

Catalog #: PRPS-983

For research use only.

Synonyms: RAB18 member RAS oncogene family, RAB18LI1, WARBM3, RAB18 small GTPase, ras-related protein Rab-18.

Source: E.coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence: MASMTGGQQM GRGSHMDEDV LTTLKILIIG ESGVGKSSLL
LRFTDDTFDP ELAATIGVDF KVKTISVDGN KAKLAIWDTA GQERFRTLTP SYYRGAQGV
LVYDVTRRDT FVKLDNWLNE LETYCTRNDI VNMLVGNKID KENREVDRE GLKFARKHSM
LFIEASAKTC DGVQCAFEEL VEKIIQTPGL WESENQNKGV KLSHREEGQG GGACGGYCSV L

Purity: Greater than 90% as determined by SDS-PAGE.

Formulation:

The RAB18 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 7.5) and 1mM DTT.

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:

RAB18 belongs to a family of Ras-related small GTPase which is lipid-anchored to the cytoplasmic side of the cell membrane. RAB18 takes part in apical recycling, endocytosis and protein transport between early endosomes and the plasma membrane.

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