

RAB34 Human

Description: RAB34 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 279 amino acids (1-259) and having a molecular mass of 31.2 kDa. RAB34 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Catalog #: PRPS-985

For research use only.

Synonyms: RAB34 member RAS oncogene family, RAH, RAB39, Ras-related protein Rab-39, Ras-related protein Rah, ras-related protein Rab-34, NARR, Nine amino-acid residue-repeats.

Source: E.coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence: MGSSHHHHH SSGLVPRGSH MNILAPVRRD RVLALPQCL
RKEAALHGHK DFHPRVTCAC QEHRGTGVGF KISKVIVVD LSVGKTCLIN RFCKDTFDKN
YKATIGVDFE MERFEVLGIP FSLQLWDTAG QERFKCIAST YYRGAQAIII VFNLNDVASL
EHTKQWLADA LKENDPSSVL LFLVGSKKDL STPAQYALME KDALQVAQEM KAEYWAVSSL
TGENVREFF RV

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

Formulation:

The RAB34 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 0.1M NaCl and 40% 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:

RAB34 protein which regulates a fast endocytic recycling pathway is restricted to the plasma membrane and endocytic compartments. RAB34 takes part in protein transport, specifically the redistribution of lysosomes to the peri-Golgi region. In fibroblasts, RAB34 protein was co-localized with actin to the membrane ruffles and membranes of moderately large vesicles close to the ruffles.

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