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RAB24 Human

Catalog #:PRPS-958

For research use only.

Description:RAB24 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 227 amino acids (1-203) and having a molecular mass of 25.7 kDa.RAB24 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Synonyms:RAB24 member RAS oncogene family, ras-related protein Rab-24.

Source:E.coli.

Physical Appearance: Sterile Filtered colorless solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MGSHMSGQRV DVKVVMLGKE YVGKTSLVER YVHDRFLVGP YQNTIGAAFV AKVMSVGDRT VTLGIWDTAG SERYEAMSRI YYRGAKAAIV CYDLTDSSSF ERAKFWVKEL RSLEEGCQIY LCGTKSDLLE EDRRRRRVDF HDVQDYADNI KAQLFETSSK TGQSVDELFQ KVAEDYVSVA AFQVMTEDKG VDLGQKPNPY FYSCCHH

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

Formulation:
The RAB24 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 2mM DTT, 0.1M NaCl, 0.1M EDTA and 30% 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 drµgs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:
RAB24 is a member of the small GTPase superfamily which regulates intracellular protein transferring, nonetheless the specific role of RAB24 has not yet been revealed. RAB24 is distributed in the endoplasmic reticulum/cis-Golgi region and on late endosomal structures which sµggests connection to autophagy-related courses. RAB24 demonstrates uncommon characteristics such as low intrinsic GTPase activity, and is incompetently prenylated when compared with other Rab proteins indicates that RAB24 has a distinctive part in the degradation of misfolded cellular proteins or trafficking of proteins to the nuclear envelope.

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