
Product Data Sheet

Product Name: RAB34 Human
 Cat. No.: GP24295
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
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.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MNILAPVRRD RVLAEQPCL RKEAALHGHK DFHPRVTCAC QEHRGTGVGF KISKVIVVD LSVGKTCLIN RFCKDTFDKN YKATIGVDFE MERFEVLGIP FSLQLWDTAG QERFKCIAST YRGAQAIII VFNLNDVASL EHTKQWLADA LKENDPSSVL LFLVGSKKDL STPAQYALME KDALQVAQEM KAEYWAVSSL TGENVREFFF RVAALTFEAN VLAELEKSGA RRIGDVVRIN SDDSNLYLTA SKKPTCCP		
Formulation	The RAB34 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 0.1M NaCl and 40% glycerol.		

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.

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.

Background

RAB34 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide

Caution: Product has not been fully validated for medical applications. For research use only.

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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.

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