
Product Data Sheet

Product Name: RAB24 Human
 Cat. No.: GP24289
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	RAB24 member RAS oncogene family; ras-related protein Rab-24.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMSGQRV DVKVVMLGKE YVGKTSLVER YVHDRFLVGP YQNTIGAAFV AKVMSVGDRT VTLGIWDTAG SERYEAMSRI YYRGAKAAIV CYDLTDSSSF ERAKFWVKEL RSLEEGCQIY LCGTKSDLLE EDRRRRRVDF HDVQDYADNI KAQLFETSSK TGQSVDELFFQ KVAEDYVSV AFQVMTEKDG VDLGQKPNPY FYSCCHH		
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.		

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 suggests 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.

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

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

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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.

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