
Product Data Sheet

Product Name: RAB10 Human
 Cat. No.: GP24279
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Ras-related GTP-binding protein RAB10; Ras-related protein Rab-10; RAB10; Rab10; member RAS oncogene family.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MAKKTYDLLF KLLIGDSGV GKTCVLF RFS DDAFNTTFIS TIGIDFKIKT VELQGKKIKL QIWDTAGQER FHTITTSYYR GAMGIMLVYD ITNGKSFENI SKWLRNIDEH ANEDVERMLL GNKCDMDDKR VVPKGKGEQI AREHGIRFFE TSAKANINIE KAFLTLAEDI LRKTPVKEPN SENVDISSGG GVTGWKSKCC.		
Formulation	The RAB10 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol 0.4M Urea.		

Introduction

RAB10, Member RAS Oncogene Family (RAB10) belongs to the Ras superfamily of small GTP-binding proteins. RAB10 is a key regulator of endocytic recycling, particularly in the basolateral recycling pathways of polarized epithelial cells. It is required for the recruitment of CNT-1 to endosomal membranes in the intestinal epithelium.

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

RAB10 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 220 amino acids (1-200) and having a molecular mass of 24.7 kDa. RAB10 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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

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