
Product Data Sheet

Product Name: RAB18 Human
 Cat. No.: GP24284
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	RAB18 member RAS oncogene family; RAB18LI1; WARBM3; RAB18 small GTPase; ras-related protein Rab-18.		
Amino Acid Sequence	MASMTGGQQM GRGSHMDEDV LTTLKILIIG ESGVGKSSLL LRFTDDTFDP ELAATIGVDF KVKTISVDGN KAKLAIWDTA GQERFRTLTP SYRGAQGV LVYDVTRRDT FVKLDNWLNE LETYCTRNDI VNMLVGNKID KENREVDRE GLKFARKHSM LFIEASAKTC DGVQCAFEEL VEKIIQTPGL WESENQNKGV KLSHREEGQG GGACGGYCSV L		
Formulation	The RAB18 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 7.5) and 1mM DTT.		

Introduction

RAB18 belongs to a family of Ras-related small GTPase which is lipid-anchored to the cytoplasmic side of the cell membrane. RAB18 takes part in apical recycling, endocytosis and protein transport between early endosomes and the plasma membrane.

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

RAB18 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 221 amino acids (1-206) and having a molecular mass of 24.5 kDa. RAB18 is fused to a 15 amino acid T7-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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