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## Product Data Sheet

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Product Name: RAB22A Human  
 Cat. No.: GP24287  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Ras-related protein Rab-22A; Rab-22; RAB22A; RAB22; MGC16770.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MALRELKVCL LGDTGVGKSS IVWRFVEDSF DPNINPTIGA SFMTKTVQYQ NELHKFLIWD TAGQERFRAL APMYYRGSAA AIIVYDITKE ETFSTLKNWV KELRQHGPPN IVVAIAGNKC DLIDVREVME RDAKDYADSI HAIFVETSAK NAININELFI EISRRIPSTD ANLPSGGKGF KLRRQPSEPK RSCC.		
Formulation	RAB22A protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 40% glycerol and 0.1M NaCl.		

### Introduction

Ras-related protein Rab-22A (RAB22A) belongs to the RAB family of small GTPases. The GTP-bound form of the RAB22A interacts with early-endosomal antigen 1, and may be involved in the transferring of and interaction between endosomal compartments.

### 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

RAB22A Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 214 amino acids (1-194 a.a.) and having a molecular mass of 24kDa. RAB22A 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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