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## Product Data Sheet

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Product Name: RAB35 Human  
 Cat. No.: GP24296  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Ras-related protein Rab-35; GTP-binding protein RAY; Ras-related protein Rab-1C; RAB35; RAB1C; RAY.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MARDYDHLFK LLIIGDSGVG KSSLLLRFAD NTFSGSYITT IGVDFKIRTV EINGEKVKLQ IWDTAGQERF RTITSTYYRG THGVIVVYDV TSAESFVNVK RWLHEINQNC DDVCRILVGN KNDDPERKVV ETEDAYKFAG QMGIQLFETS AKENVNVEEM FNCITELVLR AKKDNLAKQQ QQQQNDVVKL TKNSKRKKRC C.		
Formulation	RAB35 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 40% glycerol, 0.15M NaCl and 1mM DTT.		

### Introduction

Ras-related protein Rab-35 (RAB35) is restricted to the plasma membrane and endocytic compartments and controls a fast endocytic recycling pathway. Inhibition of Rab35 function leads to the accumulation of endocytic markers on numerous cytoplasmic vacuoles in cells that failed cytokinesis, which is consistent with a central requirement for Rab35-regulated recycling during cell division.

### 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

RAB35 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 221 amino acids (1-201 a.a.) and having a molecular mass of 25.2kDa. RAB35 is fused to a 20 amino acid His-tag at N-terminus & purified by

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

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proprietary chromatographic techniques.

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