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## Product Data Sheet

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Product Name: RAB11A Human  
 Cat. No.: GP24280  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	RAB11; YL8; Ras-related protein Rab-11A; RAB11A.		
Amino Acid Sequence	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMGTR DDEYDYLFKV VLGDSGVGK SNLLSRFTRN EFNLESKSTI GVEFATRSIQ VDGKTIKAQI WDTAGQERYR AITSAYYRGA VGALLVYDIA KHLTYENVER WLKELRDHAD SNIVIMLVGN KSDLRHLRAV PTDEARAF AE KNGLSFIETS ALDSTNVEAA FQTILTEIYR IVSQKQMSDR RENDMSPSNN VVPIHVPPTT ENKPKVQCC.		
Formulation	RAB11A Human solution containing 20mM Tris-HCl pH-8, 1mM DTT, 1mM EDTA & 20% glycerol.		

### Introduction

RAB11A is part of the small GTPase superfamily, Rab family. RAB11A is related with both constitutive and regulated secretory pathways, and takes part in protein transport. RAB11A is a well-known marker for protein trafficking, sorting, and recycling in the endosomal pathway. RAB11A is a main regulator of membrane delivery during cytokinesis.

### 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

RAB11A Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 249 amino acids (1-213a.a.) and having a molecular mass of 28.1 kDa. RAB11A protein is fused to a 36 amino acid His tag at N-

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

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terminus and is purified by standard chromatography.

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