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## Product Data Sheet

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Product Name: RAB39B Human  
 Cat. No.: GP24306  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Ras-related protein Rab-39B; RAB39B; MRX72.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMEAIWLY QFRLVIGDS TVGKSLIRR FTEGRFAQVS DPTVGVDFFSRLVEIEPGKR IKLQIWDTAG QERFRSITRA YYRNSVGGLL LFDITNRRSF QNVHEWLEET KVHVQPYQIVFVLVGHKCDL DTQRQVTRHE AEKLAAAYGM KYIETSARDA INVEKAFTDL TRDIYELVKR GEITIQEGWEGVKSGFVPNV VHSSEEVVKS ERRCLC.		
Formulation	RAB39B protein solution (0.25mg/ml) contains in Phosphatebuffered saline (pH7.4), 30% glycerol and 1mM DTT.		

### Introduction

RAB39B, Member RAS Oncogene Family (RAB39B) belongs to the Rab family of proteins. Rab proteins are small GTPases, which are involved in vesicular trafficking. RAB39B gene mutations are linked with X-linked mental retardation.

### 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

RAB39B Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 236 amino acids (1-213 a.a) and having a molecular mass of 27kDa. RAB39B is fused to a 23 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.**

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA