

# Recombinant human RAB39B protein

Catalog Number: ATGP2821

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

1-213aa

### UniProt No.

Q96DA2

### NCBI Accession No.

NP\_741995.1

### Alternative Names

Ras-related protein Rab-39B, MRX72, RAB39B member RAS oncogene family, Mental retardation X-linked 72, Waisman syndrome, WSN

## PRODUCT SPECIFICATION

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### Molecular Weight

27 kDa (236aa) confirmed by MALDI-TOF

### Concentration

0.25mg/ml (determined by Bradford assay)

### Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4), 30% glycerol

### Purity

> 95% by SDS-PAGE

### Tag

His-Tag

### Application

SDS-PAGE

### Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

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### Description

RAB39B is a member of the Rab family of proteins. Rab proteins are small GTPases that are involved in vesicular trafficking. Mutations in this gene are associated with X-linked mental retardation. Recombinant human RAB39B protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

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## Amino acid Sequence

<MGSSHHHHH SSGLVPRGSH MGS>MEAIWLY QFRLVIGDS TVGKSCLIRR FTEGRFAQVS DPTVGVDFFS RLVEIEPGKR  
IKLQIWDTAG QERFRSITRA YYRNSVGGLL LFDITNRRSF QNVHEWLEET KVHVQPYQIV FVLVGHKCDL DTQRQVTRHE  
AEKLAAAYGM KYIETSARDA INVEKAFTDL TRDIYELVKR GEITIQEGWE GVKSGFVPNV VHSSEEVVKS ERRCLC

## General References

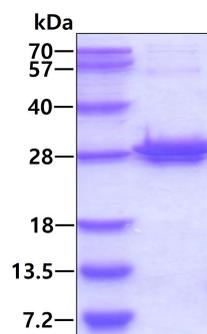
Cheng H., et al. (2002) Cytogenet. Genome Res. 97:72-75.

Giannandrea M., et al. (2010) Am. J. Hum. Genet. 86:185-195.

## DATA

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### SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.