

Recombinant human RAB39B protein

Catalog Number: ATGP2821

PRODUCT INFORMATION

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

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

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

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

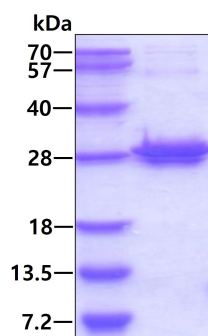
General References

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

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

DATA

SDS-PAGE



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