

**RAB39B, 1-213aa, Human, His tag, E.coli**

**Cat.NO.: TP03638**

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3th Edition

**Synonyms:**Ras-related protein Rab-39B, MRX72

**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.

**Form:**Liquid. In Phosphate buffered saline (pH7.4), 30% glycerol, 1mM DTT

**Molecular Weight:**27.0 kDa (236aa) confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMGSM EAIWLYQFRLVIGDSTVGKSLIRRFTEGRFAQVSDPTVGVDFFSRLVEIE  
PGKRIKLQIWDTAGQERFRSITRAYRNSVGGLLLF DITNRRSFQNVHEWLEETKVHVQPYQIVFVLVGHKCDLDTQ  
RQVTRHEAEKLAAYGMKYIETSARDAINVEKAFTDLTRDIYELVKRGEITIQEGWEGVKSGFV PNVVHSSEEVVKS  
ERRCLC

**Purity:**> 95% by HPLC

**Concentration:**0.25 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.