

## RAB27A Human

**Description:** RAB27A Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 241 amino acids(1-221a.a.) and having a molecular mass of 27 kDa. RAB27A protein is fused to a 20 amino acid His tag at N-terminus and is purified by standard chromatography.

**Catalog #:** PRPS-832

For research use only.

**Synonyms:** GS2, RAM, RAB27, GS2, HsT18676, MGC117246, RAB27A, member RAS oncogene family.

**Source:** Escherichia Coli.

**Physical Appearance:** Sterile filtered colorless solution.

**Amino Acid Sequence:** MGSSHHHHHH SSGLVPRGSH MSDGDYDYLI KFLALGDSGV  
GKTSVLYQYT DGKFNSKFIT TVGIDFREKR VVYRASGPDG ATGRGQRIHL QLWDTAGQER  
FRSLTTAFFR DAMGFLLLFD LTNEQSFLNV RNWISQLQMH AYCENPDIVL CGNKSLEDQ  
RVVKEEEAIA LAEKGIPYF ETSANGTNI SQAIEMLLDL IMKRMERCVD KSWIPEGVVR  
SNGHASTDQL SE

**Purity:** Greater than 90% as determined by SDS-PAGE.

**Formulation:**

RAB27A Human solution containing 20mM Tris HCL pH-8, 1mM DTT, & 20% glycerol.

**Stability:**

RAB27A Human although stable at 4°C for 1 week, should be stored desiccated below -18°C.  
Please prevent freeze thaw cycles.

**Usage:**

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**Introduction:**

RAB27A is part of the small GTPase superfamily, Rab family. RAB27A is membrane-bound and participates in protein transport and small GTPase mediated signal transduction. Mutations in this RAB27A are associated with Griscelli syndrome type 2. RAB27A is involved in cytotoxic granule exocytosis in lymphocytes. RAB27A is necessary for both granule maturation and granule docking and priming at the immunologic synapse.

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