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# Recombinant human RAB6A protein

Catalog Number: ATGP0831

#### **PRODUCT INFORMATION**

# **Expression system**

E.coli

#### **Domain**

1-208aa

#### UniProt No.

P20340

#### **NCBI Accession No.**

NP 002860.2

#### **Alternative Names**

Ras-related protein Rab-6A, RAB6, RAB6A, member RAS oncogene family

# PRODUCT SPECIFICATION

### **Molecular Weight**

26.1 kDa (232aa) confirmed by MALDI-TOF

#### Concentration

1mg/ml (determined by Bradford assay)

#### **Formulation**

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 1mM DTT, 0.1M NaCl.

#### **Purity**

> 90% 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**

RAB6A belongs to the small GTPase superfamily. It may be involved in protein transport. It is a regulator of membrane traffic from the Golgi apparatus towards the endoplasmic reticulum (ER) and has a low GTPase activity. Recombinant human RAB6A protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

# **Amino acid Sequence**

< MGSSHHHHHH SSGLVPRGSH MGSH>MSTGGD FGNPLRKFKL VFLGEQSVGK TSLITRFMYD SFDNTYOATI



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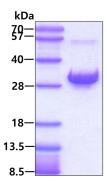
GIDFLSKTMY LEDRTIRLQL WDTAGQERFR SLIPSYIRDS AAAVVVYDIT NVNSFQQTTK WIDDVRTERG SDVIIMLVGN KTDLADKRQV SIEEGERKAK ELNVMFIETS AKAGYNVKQL FRRVAAALPG MESTQDRSRE DMIDIKLEKP QEQPVSEGGC SC

### **General References**

Wanschers B., et al. (2008) Cell Motil Cytoskeleton. 65(3):183-96. Burguete AS., et al. (2008) Cell. 132(2):286-98.

# **DATA**

#### **SDS-PAGE**



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

