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# **Recombinant human RAB5C protein**

Catalog Number: ATGP2047

#### **PRODUCT INFORMATION**

#### **Expression system**

E.coli

#### **Domain**

1-216aa

#### **UniProt No.**

P51148

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

NP 004574.2

#### **Alternative Names**

RAB5C member RAS oncogene family, Ras-related protein Rab-5C, RAB, member of RAS oncogene family-like L1880, RAB5L, RAB5L, RAB5CL

#### **PRODUCT SPECIFICATION**

## **Molecular Weight**

25.9 kDa (239aa) confirmed by MALDI-TOF

#### Concentration

1mg/ml (determined by Bradford assay)

#### **Formulation**

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 30% glycerol

#### **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**

Members of the Rab protein family are small GTPases of the Ras superfamily that are thought to ensure fidelity in the process of docking and/or fusion of vesicles with their correct acceptor compartment. Recombinant human RAB5C 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**

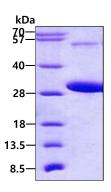
<MGSSHHHHHH SSGLVPRGSH MGS>MAGRGGA ARPNGPAAGN KICQFKLVLL GESAVGKSSL VLRFVKGQFH EYQESTIGAA FLTQTVCLDD TTVKFEIWDT AGQERYHSLA PMYYRGAQAA IVVYDITNTD TFARAKNWVK ELQRQASPNI VIALAGNKAD LASKRAVEFQ EAQAYADDNS LLFMETSAKT AMNVNEIFMA IAKKLPKNEP QNATGAPGRN RGVDLQENNP ASRSQCCSN

#### **General References**

Onodera, Y., et al. (2012) J. Cell Biol. 197 (7), 983-996 Merithew, E., et al. (2003) J. Biol. Chem. 278 (10), 8494-8500

### **DATA**

#### **SDS-PAGE**



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

