

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, RABL, 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>MAGRGA ARPNGPAAGN KICQFKLVLL GESAVGKSSL VLRVKGQFH
EYQESTIGAA FLTQTVCLDD TTVKFEIWDT AGQERYHSLA PMYYRGAQAA IVVYDITNTD TFARAKNWVK ELQRQASPNI
VIALAGNKAD LASKRAVEFQ EAQAYADDNS LLFMETSAKT AMNVNEIFMA IAKKLPKNEP QNATGAPGRN RGVDLQENNP
ASRSQCCSN

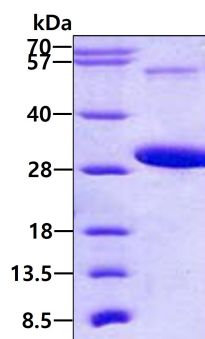
General References

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.