

Recombinant human RAB1A protein

Catalog Number: ATGP0900

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-205aa

UniProt No.

P62820

NCBI Accession No.

NP_004152

Alternative Names

Ras-related protein Rab-1A isoform 1, DKFZp564B163, RAB1, YPT1, RAB1A member RAS oncogene family, Rab GTPase YPT1, YPT1-related protein

PRODUCT SPECIFICATION

Molecular Weight

24.8 kDa (225aa) confirmed by MALDI-TOF

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

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

Purity

> 95% 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

RAB1A, also known as ras-related protein Rab-1A, is a member of ras-related superfamily. Rab proteins play an important role for, either in endocytosis or in biosynthetic protein transport. Rab1a protein controls vesicle traffic from the endoplasmic reticulum to the Golgi apparatus. Recombinant human RAB1A protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography.

Recombinant human RAB1A protein

Catalog Number: ATGP0900

Amino acid Sequence

<MGSSHHHHHH SSGLVPRGSH> MSSMNPEYDY LFKLLIGDS GVGKSCLLLR FADDTYTESY ISTIGVDFKI RTIELDGKTI
KLQIWDTAGQ ERFRTITSSY YRGAHGIIIV YDVTQESFN NVKQWLQEI RYASENVNKL LVGNKCDLTT KKVVDTTAK
EFADSLGIPF LETSAKNATN VEQSFMTMAA EIKKRMGPGA TAGGAEKSNV KIQSTPVKQS GGGCC

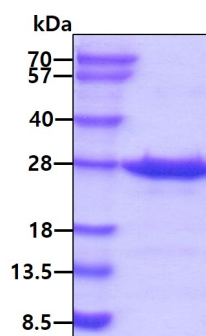
General References

Zahraoui A, et al. (1989), J. Biol. Chem., 264: 12394-12401.

Chavrier P., et al. (1992). Gene. 112: 261-264.

DATA

SDS-PAGE



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