NKMAXBio We support you, we believe in your research

Recombinant human RAB24 protein

Catalog Number: ATGP1247

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-203aa

UniProt No.
Q969Q5

NCBI Accession No.
NP_570137

Alternative Names
Ras-related protein Rab-24, RAB24 member RAS oncogene family

PRODUCT SPECIFICATION

Molecular Weight
25.6 kDa (227aa) confirmed by MALDI-TOF

Concentration
0.5mg/ml (determined by Bradford assay)

Formulation
Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 2mM DTT, 30% glycerol, 100mM NaCl, 1mM EDTA

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
RAB24 belongs to the small GTPase superfamily. Members of the Rab GTPase family regulate intracellular protein trafficking, but the specific function of RAB24 remains unknown. RAB24 is distributed in the endoplasmic reticulum/cis-Golgi region and on late endosomal structures, and this subcellular distribution pattern of RAB24 may indicate its involvement in autophagy-related processes. RAB24 presents unusual characteristics, including low intrinsic GTPase activity, and is inefficiently prenylated when compared with other Rab proteins. Also suggested that RAB24 might play a unique role in the degradation of misfolded cellular proteins or trafficking of

Recombinant human RAB24 protein

Catalog Number: ATGP1247

proteins to the nuclear envelope. Recombinant human RAB24 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

Amino acid Sequence

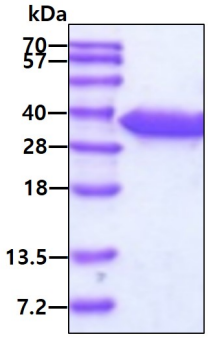
<MGSSHHHHHH SSGLVPRGSH MGSH>MSGQRV DVKVVMLGKE YVGKTSLVER YVHDRFLVGP YQNTIGAAFV AKVMSVGDRT VTLGIWDTAG SERYEAMSRI YYRGAKAAIV CYDLTDSSSF ERAKFWVKEL RSLEEGCQIY LCGTKSDLLE EDRRRRRVDF HDVQDYADNI KAQLFETSSK TGQSVDELFQ KVAEDYVSVA AFQVMTEDKG VDLGQKPNPY FYSCCHH

General References

Maltese WA, et al. (2002) BMC Cell Biol. 3:25.
Wu M, Yin G, et al. (2006) Int J Mol Med. 17(5):749-54.

DATA

SDS-PAGE



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