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Recombinant human RAB27B protein

Catalog Number: ATGP0863

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-218aa

UniProt No.
O00194

NCBI Accession No.
NP_004154

Alternative Names
Ras-related protein Rab-27B, Ras-related protein Rab-27B, C25KG, RAB27B member RAS oncogene family

PRODUCT SPECIFICATION

Molecular Weight
26.7 kDa (238aa) confirmed by MALDI-TOF

Concentration
1mg/ml (determined by Bradford assay)

Formulation
Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.1M Nacl, 1mM DTT, 10% 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
RAB27B belongs to the RAB family and is a critical regulator of vesicular transport. This protein is expressed in pituitary tissue, but is more significantly expressed in brain and spleen. RAB27B may be functionally redundant to Rab27a, as it can rescue Rab27a mutants. Recombinant human RAB27B 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> MTDGDYDYLI KLLALGDSGV GKTTFLYRYT DNKFNPKFIT TVGIDFREKR

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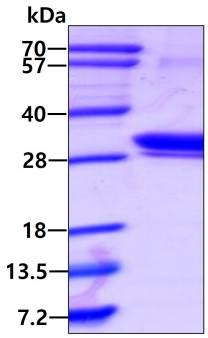
VVYNAQGPNG SSGKAFKVHL QLWDTAGQER FRSLTTAFFR DAMGFLLMFD LTSQQSFLNV RNWMSQLQAN AYCENPDIVL IGNKADLPDQ REVNERQARE LADKYGIPYF ETSAATGQNV EKAVETLLDL IMKRMEQCVE KTQIPDTVNG GNSGNLDGEK PPEKKCIC

General References

Ostrowski M., et al. (2010) Nat Cell Biol. 12(1):19-30.
Song J., et al. (2009) Proc Natl Acad Sci u S A. 106(35):14966-71.

DATA

SDS-PAGE



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