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Recombinant human RAB6B protein

Catalog Number: ATGP0918

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-208aa

UniProt No.
Q9NRW1

NCBI Accession No.
NP_057661

Alternative Names
Ras-related protein Rab-6B, RAB6B member RAS oncogene family

PRODUCT SPECIFICATION

Molecular Weight
25.6 kDa (228aa) confirmed by MALDI-TOF

Concentration
1mg/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
RAB6B, also known as ras-related protein Rab-6B, belongs to Rab6 family of the small GTPase superfamily. The Rab6 subfamily consists of three different isoforms: Rab6A, Rab6A' and Rab6B. Both Rab6A and Rab6A' are ubiquitously expressed whereas Rab6B is predominantly expressed in brain. Rab6 is a key regulator in the retrograde transfer from endosomes via the Golgi to the ER and may function in retrograde tansport in neuronal cells. Recombinant human RAB6B protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography.

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Amino acid Sequence

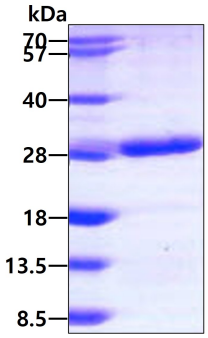
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General References

Wanschers B, et al. (2008), Cell Motil Cytoskeleton., 65:183-96.
Wanschers BF., et al. (2007). Exp Cell Res. 313:3408-20.

DATA

SDS-PAGE



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