

Recombinant human RAB3B protein

Catalog Number: ATGP1111

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-219aa

UniProt No.

P20337

NCBI Accession No.

NP_002858

Alternative Names

Ras-related protein Rab-3B, RAB3B member RAS oncogene family, Rab-3B, Rab 3B, RAB3B member RAS oncogene family

PRODUCT SPECIFICATION

Molecular Weight

26.9 kDa (239aa) 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, 2mM DTT, 0.1M NaCl

Purity

> 85% 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

RAB3B, member of RAS oncogene family, is a highly homologous monomeric GTPase that may play a role in endocytosis and biosynthetic protein transport. The transport of newly synthesized proteins from the endoplasmic reticulum to various stacks of the Golgi complex and to secretory vesicles involves at each stage the movement of carrier vesicles. Recombinant human RAB3B 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

<MGSSHHHHH SSGLVPRGSH> MASVTDGKTG VKDASDQNFD YMFKLLIGN SSVGKTSFLF RYADDTFTPA
FVSTVGIDFK VKTVYRHEKR VKLQIWDTAG QERYRTITTA YYRGAMGFIL MYDITNEESF NAVQDWATQI KTYSWDNAQV
ILVGNKCDME EERVVPTEKG QLLAEQLGFD FFEASAKENI SVRQAFERLV DAICDKMSDS LDTDPSMLGS SKNTRLSDTP
PLLQQNCSC

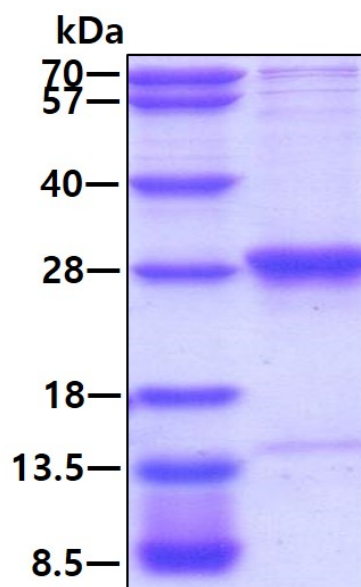
General References

Zahraoui A., et al. (1989) J Biol Chem. 264(21):12394-401.

Chung CY., et al. (2009) Proc Natl Acad Sci u S A. 106(52):22474-9.

DATA

SDS-PAGE



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