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Product Description

Product Name: Rab11 Protein

Synonyms: Rab-protein 11, CG5771, DmRab11, Drab11, Rab-r11, RAB11

Catalogue Number: 10126

Source: Human, recombinant full length, His₆-tag

Expression Host: E. coli

Molecular Weight: 18 kDa

Purity: >95% by SDS-PAGE

Introduction: Rab11 is a small GTP-binding proteins of the Rab family, such as Rab11A, play essential roles in vesicle and granule targeting. Rab11 is also a GTPase that regulates endosomal trafficking to apical plasma membrane domains in polarized epithelial cells.

Amino Acid Sequence (1-173)

MGTRDDEYDYLKVVLLIGDSGVGKSNLLSRFTRNEFNL
ESKSTIGVEFATRSIQVDGKTIKAQIWDTAGQERYRAI
TSAYYRGAVGALLVYDIAKHLTYENVERWLKELRDHAD
SNIVIMLVGNKSDLRHLRAVPTDEARAFKNGLSFIE
TSALDSTNVEAAFQTILTEIY

Properties

Physical Appearance (form): Dissolved in 20mM Tris-HCl, pH8.0, 150mM NaCl.

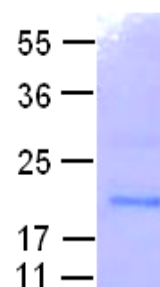
Physical Appearance (form): White or clear

Concentration: 1 mg/mL

Storage: -80°C

Preparation Instructions

Adding of 10 mM β -mercaptoethanol or 1 mM DTT into the solution to protect the protein is recommended and using of non-ionic detergents such as n-Dodecyl β -D-maltoside (DoDM) or polyethylene detergents (e.g. C₁₂E₁₀) also help to stabilize the protein. Avoid repeated freezing and thawing.



The purity of His-tagged Rab11 was determined by SDS- PAGE and Coomassie Brilliant Blue Staining.

References

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