

Rab5(Δ N15)

Catalog Number: 10116

Synonyms: Member RAS oncogene family, RAB5A

Background: Rab5, consists of three isoforms, Rab5A, Rab5B, and Rab5C, is a small GTPase that is localized to early endosomes. It regulates the fusion between endocytic vesicles and early endosomes, as well as the homotypic fusion between early endosomes.

Amino Acid Sequence: (16-184)

NKICQFKLVLLGESAVGKSSLVLRVFKGQFHEF
QESTIGAAFLTQTVCLDDTTVKFEIWDTAGQER
YHSLAPMYRGAQAIVVYDITNEESFARAKN
WVKELQRQASPNIVIALSGNKADLANKRAVDF
QEAQSYADDNSLLFMETS AKTSMNVNEIFMAI
AKKLPKN

Source: Human, recombinant, His6-tag

Expression Host: E. coli

Molecular Weight: 17 kDa

Purity: >98% by SDS-PAGE

Constituents: 20 mM Tris-HCl, pH 8.0, 150 mM NaCl.

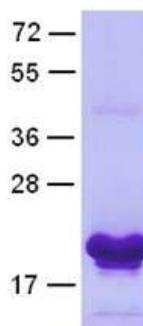
Physical Appearance: White or clear

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 Rab5(Δ N15) was determined by SDS-PAGE and Coomassie Brilliant Blue Staining.

References

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