

Rab5(ΔN15 Q79L) Mutant

Catalog Number: 10117

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, Q79L)

NKICQFKLVLLGESAVGKSSLVLRFVKGQFHEFQE
STIGAAFLTQTVCLDDTTVKFEIWDTAGLERYHSL
APMYYRGAQAAIVYDITNEESFARAKNWVKEI
QRQASPNIIVALSGNKADLANKRAVDFQEAQSYA
DDNSLLFMETSAKTSMVNEIFMAIAKKLPKN

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.

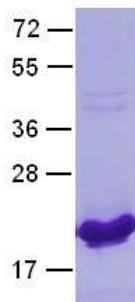
Physical Appearance: White or clear

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 ΔN15 Q79L was determined by SDS-PAGE and Coomassie Brilliant Blue Staining.

References

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