

**RAB5 PROTEIN,ΔN15****Rab5(ΔN15) Protein****Cat. #:** 10116**Product Name:** Rab5 Protein**Synonyms:** Member RAS oncogene family, RAB5A**Source:** Human, recombinant full length, His6-tag**Expression Host Species:** E. coli**Molecular Weight:** 17 kDa**Purity:** >95% by SDS-PAGE

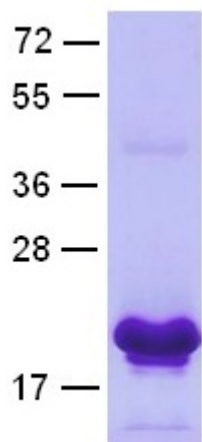
**Introduction:** Rab5, consists of three isoforms, Rab5A, Rab5B, and Rab5C, is a small GTPase that is localized to early endosomes. It regulates the fusion between endocytic vesicles and early endosomes, as well as the homotypic fusion between early endosomes.

**Amino Acid Sequence** (16-184)

NKICQFKLVLLGESAVGKSSLVLRVKGQFHEFQESTIGAAFLTQTVCLDDTTVKFEIWDTAGQERY  
HSLAPMYRGAQAIVVYDITNEESFARAKNWKELQRQASPNIVIALSGNKADLANKRAVDFQEAQ  
SYADDNSLLFMETSAKTSMNVNEIFMAIAKKLPKN

**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:**

Centrifuge the vial before open the cap and reconstitute in water. 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 after reconstitution. The purity of His-tagged Rab5 was determined by SDS- PAGE and Coomassie Brilliant Blue Staining



## References:

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