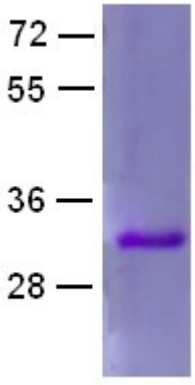
RAB3A(Q81L) PROTEIN

Rab3A(Q81L) Mutant

货号: 10129
产品名称: Rab3A Protein Q81L mutant
基因符号: Member RAS oncogene family
Source: Human, recombinant full length, His6-tag
Expression 种属反应性: E. coli
Molecular Weight: 25 kDa
纯化:: >95% by SDS-PAGE
Introduction: The Rab3 small G protein family consists of four members, Rab3A, -3B, -3C, and -3D. Rab3A is found specifically in brain and regulates a late step in synaptic vesicle fusion. Rab3A -mediated synaptic transmission is involved in circadian period and sleep homeostasis.
Amino Acid Sequence (1-220, Q81L)
MASATDSRYGQKESSDQNFDYMFKILIIGNSSVGKTSFLFRYADDSFTPAFVSTVGIDFKVKTIYRN DKRIKLQIWDTAGLERYRTITTAYYRGAMGFILMYDITNEESFNAVQDWSTQIKTYSWDNAQVLLVG NKCDMEDERVVSSERGRQLADHLGFEFFEASAKDNINVKQTFERLVDVICEKMSESLDTADPAVTGAKQ GPQLSDQQVPPHQDCAC
Properties
Physical Appearance (form): Dissolved in 20mM Tris-HCl, pH8.0, 150mM NaCl.
Physical Appearance (form): White or clear
浓度: 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 Rab3A Q81L was determined by SDS-PAGE and Coomassie Brilliant Blue Staining.



References:

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