9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

RAB2A Human

RAB2A, Member RAS Oncogene Family Human Recombinant
RCP1760

Product Overview

Name	RAB2A Human
Description	
RAB2A, Member RAS Oncogene Family Human Recombinant	
Accession (Primary)	P61019
Synonyms	
Ras-related protein Rab-2A, RAB2A, RAB2.	
Introduction	
Ras-related protein Rab-2A (RAB2A) is a member of the small GTPase superfamily. RAB protein family members are nontransforming monomeric GTP-binding proteins of the Ras superfamily, which contain four highly conserved regions involved in GTP binding and hydrolysis. In addition, RAB proteins are a fundamental part of endocytic pathways. RAB2A and RAB2B are essential for protein transport from the ER to the Golgi; RAB2A is lipid-anchored to the ER-Golgi intermediate compartment membrane whereas RAB2B is lipid anchored to the cytoplasmic side of the cell membrane. RAB2A also interacts with GOLGA2.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
RAB2A protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 20% glycerol and 100mM NaCl.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH SGSH MAYAYL FKYIIIGDTG VGKSCLLLQF TDKRFQPVHD LTIGVEFGAR MITIDGKQIK LQIWDTAGQE SFRSITRSYY RGAAGALLVY DITRRDTFNH LTTWLEDARQ HSNSNMVIML	

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IGNKSDLESR REVKKEEGEA FAREHGLIFM ETSAKTASNV EEAFINTAKE IYEKIQEGVF DINNEANGIK IGPQHAATNA THAGNQGGQQ AGGGCC.

Precautions

RAB2A Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P61019)