RAB2A
Recombinant Human RAB2A Member RAS Oncogene Family His

Catalog No.	CS467A	Quantity:	5 µg
	CS467B		20 µg
	CS467C		1 mg

Alternate Names: Ras-related protein Rab-2A, RAB2A, RAB2

Description: 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.

Recombinant Human RAB2A is a single, non-glycosylated polypeptide chain containing 236 amino acids (aa1-212) fused to a 24 amino acid His-tag at the N-terminus.

Physical Appearance: Sterile Filtered colorless solution (0.5 mg/ml)

Gene ID: 5862

Source: *E. coli*

Molecular Mass: 26.1 kDa

Formulation: Sterile filtered colorless solution containing 20 mM Tris-HCl buffer, pH 8.0, + 1 mM DTT + 20% glycerol + 100 mM NaCl.

Purity: >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 IGNKSDLESR REVKKEEGEA FAREHGLIFM ETSAKTASNV EEAFINTAKE IYEKIQEGVF DINNEANGIK IGPQHAATNA THAGNQGGQQ AGGGCC

Storage & Stability: Store at 2-4°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 repeated freeze-thaw cycles.**

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