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## RAB2A Protein (AA 2-212) (His tag)



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Quantity:	100 μg
Target:	RAB2A
Protein Characteristics:	AA 2-212
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This RAB2A protein is labelled with His tag.

#### **Product Details**

Sequence:	Ala 2-Cys 212
Characteristics:	A DNA sequence encoding the Human RAB2A protein (P61019) (Ala 2-Cys 212) was expressed with a N-His&C-His tag.
Purity:	> 95 % as determined by reducing SDS-PAGE.

### Target Details

Target:	RAB2A
Alternative Name:	RAB2A (RAB2A Products)
Background:	Abbreviation: RAB2A
	Target Synonym: RAB2A,Ras-related protein Rab-2A,
	Background: The small GTPases Rab are key regulators of intracellular membrane trafficking,
	from the formation of transport vesicles to their fusion with membranes. Rabs cycle between

#### **Target Details**

active GTP-bound and inactive GDP-bound states. In their active state, drive transport of
vesicular carriers from donor organelles to acceptor organelles to regulate the membrane
traffic that maintains organelle identity and morphology. Required for protein transport from the
endoplasmic reticulum to the Golgi complex. Regulates the compacted morphology of the
Golgi.
Calculated MW: 23.1 kDa

Molecular Weight:

Observed MW: 25 kDa

UniProt:

P61019

Pathways:

SARS-CoV-2 Protein Interactome

## **Application Details**

Restrictions:

For Research Use only

#### Handling

Format:	Lyophilized	
Buffer:	Lyophilized from sterile PBS, pH 7.4.  Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization.	
Storage:	4 °C,-20 °C,-80 °C	
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C.  Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.	
Expiry Date:	12 months	