

Datasheet for ABIN7558625  
**RAB39B Protein (AA 1-213) (His tag)**



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## Overview

Quantity:	1 mg
Target:	RAB39B
Protein Characteristics:	AA 1-213
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RAB39B protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Rab39b Protein expressed in mammalian cells.
Sequence:	MEAIWLYQFR LIVIGDSTVG KSCLIRRFTE GRFAQVSDPT VGVDFFSRLV EIEPGKRIKL QIWDTAGQER FRSITRAYYR NSVGLLLLFD ITNRRSFQNV HEWLEETKVH VQPYQIVFVL VGHKCDLDTQ RQVTRHEAEK LAAAYGMKYI ETSARDAINV EKAFTDLTRD IYELVKRGEI TIQEGWEGVK SGFVPNVVHS SEEVIKSERR CLC <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</b>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits: <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li></ul>

## Product Details

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- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

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Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

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## Target Details

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Target:	RAB39B
Alternative Name:	Rab39b ( <a href="#">RAB39B Products</a> )
Background:	Ras-related protein Rab-39B,FUNCTION: Small GTPases Rab involved in autophagy. 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 an inactive GDP-bound form and an active GTP-bound form that is able to recruit to membranes different sets of downstream effectors directly responsible for vesicle formation, movement, tethering and fusion (By similarity). May be involved in vesicular trafficking (PubMed:20159109). Plays a role in synapse formation. May regulate the homeostasis of SNCA/alpha-synuclein (PubMed:25434005). Together with PICK1 proposed to ensure selectively GRIA2 exit from the endoplasmic reticulum to the Golgi and to regulate AMPAR composition at the post-synapses and thus synaptic transmission (PubMed:25784538). {ECO:0000250 UniProtKB:Q96DA2, ECO:0000269 PubMed:20159109, ECO:0000269 PubMed:25434005}.
Molecular Weight:	24.6 kDa
UniProt:	<a href="#">Q8BHC1</a>

## Application Details

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Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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