

Datasheet for ABIN7551143  
**RAB34 Protein (AA 1-259) (His tag)**



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## Overview

Quantity:	1 mg
Target:	RAB34
Protein Characteristics:	AA 1-259
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RAB34 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

## Product Details

Purpose:	Custom-made recombinat RAB34 Protein expressed in mammalian cells.
Sequence:	<p>MNILAPVRRD RVLAEPLQCL RKEAALHGHK DFHPRVTCAC QEHRGTGVGF KISKVIVVGD            LSVGKTCLIN RFCKDTFDKN YKATIGVDFE MERFEVLGIP FSLQLWDTAG QERFKCIAS            YYRGAQAIH VFNLNDVASL EHTKQWLADA LKENDPSSVL LFLVGSKKDL STPAQYALME            KDALQVAQEM KAEYWAVSSL TGENVREFFV RVAALTFEAN VLAELEKSGA RRIGDVVRIN            SDDSNLYLTA SKKKPTCCP <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></p>
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"> <li>• Made to order protein - from design to production - by highly experienced protein experts.</li> <li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li> <li>• The optimized expression system ensures reliability for intracellular, secreted and</li> </ul>

## Product Details

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.

Purity: > 90 % as determined by Bis-Tris Page, Western Blot

Grade: custom-made

## Target Details

Target: RAB34

Alternative Name: RAB34 ([RAB34 Products](#))

Background: Ras-related protein Rab-34 (Ras-related protein Rab-39) (Ras-related protein Rah),FUNCTION: Transport protein involved in the redistribution of lysosomes to the peri-Golgi region (PubMed:27113757). Plays a role in the maturation of phagosomes that engulf pathogens, such as S.aureus and M.tuberculosis (PubMed:21255211). Plays a role in the fusion of phagosomes with lysosomes (PubMed:21255211). Involved in ciliogenesis (PubMed:37384395). Acts also as a positive regulator of hedgehog signaling and regulates ciliary function (By similarity). {ECO:0000250|UniProtKB:Q64008, ECO:0000269|PubMed:21255211, ECO:0000269|PubMed:27113757, ECO:0000269|PubMed:37384395}.

Molecular Weight: 29.0 kDa

UniProt: [Q9BZG1](#)

## Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Application Details

Restrictions: For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months