

Datasheet for ABIN7556545
RAB2B Protein (AA 1-216) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	RAB2B
Protein Characteristics:	AA 1-216
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RAB2B protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Rab2b Protein expressed in mammalien cells.
Sequence:	<p>MTYAYLFKYI IIGDTGVGKS CLLLQFTDKR FQPVHDLTIG VEFGARMVNI DGKQIKLQIW</p> <p>DTAGQESFRS ITRSYRGAA GALLVYDITR RETFNHLTSW LEDARQHSSS NMVIMLIGNK</p> <p>SDLESRRDVK REEGEAFARE HGLIFMETSA KTACNVEEAY INTAKEIYRK IQGLFDVHN</p> <p>EANGIKIGPQ QSITSSVGPC SPQQNVSDIG PDSGCC Sequence without tag. The proposed</p> <p>Purification-Tag is based on experiences with the expression system, a different complexity</p> <p>of the protein could make another tag necessary. In case you have a special request, please</p> <p>contact us.</p>
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"> • Made to order protein - from design to production - by highly experienced protein experts. • Protein expressed in mammalien cells and purified in one-step affinity chromatography • The optimized expression system ensures reliability for intracellular, secreted and

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: RAB2B

Alternative Name: Rab2b ([RAB2B Products](#))

Background: Ras-related protein Rab-2B (EC 3.6.5.2),FUNCTION: 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 active GTP-bound and inactive GDP-bound states (PubMed:28930687). 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 (PubMed:28930687). Regulates the compacted morphology of the Golgi (By similarity). Promotes cytosolic DNA-induced innate immune responses. Regulates IFN responses against DNA viruses by regulating the CGAS-STING signaling axis (PubMed:28930687). {ECO:0000250|UniProtKB:Q8WUD1, ECO:0000269|PubMed:28930687}.

Molecular Weight: 24.2 kDa

UniProt: [P59279](#)

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