

Datasheet for ABIN7556581
RAB6B Protein (AA 1-208) (His tag)



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Overview

Quantity:	1 mg
Target:	RAB6B
Protein Characteristics:	AA 1-208
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RAB6B protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Rab6b Protein expressed in mammalien cells.
Sequence:	MSAGGDFGNP LRKFKLVFLG EQSVGKTSLI TRFMYDSFDN TYQATIGIDF LSKTMYLEDR TVRLQLWDTA GQERFRSLIP SYIRDSTVAV VYDITNLNS FQQTSKWIDD VRTERGSDVI IMLVGNKTDL ADKRQITIEE GEQRAKELSV MFIETSAKTG YNVKQLFRRV ASALPGMENV QEKSKEGMID IKLDKPQEPP ASEGGCSC 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.
Characteristics:	Key Benefits: • 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: RAB6B

Alternative Name: Rab6b ([RAB6B Products](#))

Background: Ras-related protein Rab-6B (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. 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. Recruits VPS13B to the Golgi membrane. Regulates the compacted morphology of the Golgi. Seems to have a role in retrograde membrane traffic at the level of the Golgi complex. May function in retrograde transport in neuronal cells. Plays a role in neuron projection development. {ECO:0000250|UniProtKB:Q9NRW1}.

Molecular Weight: 23.5 kDa

UniProt: [P61294](#)

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