

Datasheet for ABIN7551359 RIT2 Protein (AA 1-217) (His tag)



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Overview

Quantity:	1 mg
Target:	RIT2
Protein Characteristics:	AA 1-217
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RIT2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat RIT2 Protein expressed in mammalian cells.
Sequence:	MEVENEASCS PGSASGGSRE YKVVMLGAGG VGKSAMTMQF ISHQFPDYHD PTIEDAYKTQ VRIDNEPAYL DILDTAGQAE FTAMREQYMR GGEGFIICYS VTDRQSFQEA AKFKELIFQV RHTYEIPLVL VGNKIDLEQF RQVSTEEGLS LAQEYNGGFF ETSAAALRFCI DDAFHGLVRE IRKKESMPSL MEKKLKRKDS LWKKLKGSLK KKRENMT 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:	<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 mammalian 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: RIT2

Alternative Name: RIT2 ([RIT2 Products](#))

Background: GTP-binding protein Rit2 (EC 3.6.5.2) (Ras-like protein expressed in neurons) (Ras-like without CAAX protein 2),FUNCTION: Binds and exchanges GTP and GDP. Binds and modulates the activation of POU4F1 as gene expression regulator. {ECO:0000250|UniProtKB:P70425}.

Molecular Weight: 24.7 kDa

UniProt: [Q99578](#)

Pathways: [Neurotrophin Signaling Pathway](#)

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.

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