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Datasheet for ABIN7556720
RIT1 Protein (AA 1-219) (His tag)

Overview

Quantity:	1 mg
Target:	RIT1
Protein Characteristics:	AA 1-219
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RIT1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Rit1 Protein expressed in mammalien cells.
Sequence:	MESGARPIGS SCSSPAALSR EYKLVMLGAG GVGKSAMTMQ FISHRFPEDH DPTIEDAYKI RIRIDDEPAN LDILDTAGQA EFTAMRDQYM RAGEGFIICY SITDRRSFHE VREFKQLIYR VRRDDTPVV LVGNKSDLKQ LRQVSKEEGL SLAREFSCPF FETSAAYRYY IDDFVHALVR EIRKKEKELV LAMEKKAKPK NSVWKRLKSP FRRKKDSVT 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: <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
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Grade:	custom-made
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Target Details

Target:	RIT1
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Alternative Name:	Rit1 (RIT1 Products)
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Background:	GTP-binding protein Rit1 (EC 3.6.5.2) (Ras-like protein expressed in many tissues) (Ras-like without CAAX protein 1),FUNCTION: Plays a crucial role in coupling NGF stimulation to the activation of both EPHB2 and MAPK14 signaling pathways and in NGF-dependent neuronal differentiation. Involved in ELK1 transactivation through the Ras-MAPK signaling cascade that mediates a wide variety of cellular functions, including cell proliferation, survival, and differentiation (By similarity). {ECO:0000250}.
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Molecular Weight:	25.2 kDa
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UniProt:	P70426
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Pathways:	Neurotrophin Signaling Pathway
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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.
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Restrictions:	For Research Use only
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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