

Datasheet for ABIN7555216
RIN1 Protein (AA 1-783) (His tag)



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Overview

Quantity:	1 mg
Target:	RIN1
Protein Characteristics:	AA 1-783
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RIN1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat RIN1 Protein expressed in mammalien cells.
Sequence:	<p>MESPGESGAG SPGAPSPSSF TTGHLAREKP AQDPLYDVPN ASGGQAGGPQ RPGRVVSRLRE RLLLTRPVWL QLQANAAAAL HMLRTEPPGT FLVRKSNTRQ CQALCMRLPE ASGPSFVSSH YILESPGGVS LEGSELMFPD LVQLICAYCH TRDILLPLQ LPRAIHAAT HKELEAISHL GIEFWSSSLN IKAQRGPAGG PVLPQLKARS PQELDQGTGA ALCCFFNPLFP GDLGPTKREK FKRSFKVRVS TETSSPLSPP AVPPPPVPVL PGAVPSQTER LPPCQLRRE SSVGYPVAG SGPSLPPMPS LQEVDCGSPS SSEEVGPVS RGSPATSPHL GRRRPLLRSM SAAFCSLLAP ERQVGRAAAA LMQDRHTAAG QLVQDLLTQV RAGPEPQELQ GIRQALSRAR AMLSAELGPE KLLSPKRLEH VLEKSLHCSV LKPLRPILAA RLRRRLAADG SLGRLAELR LARAQGPAGF GSHLSLPSPV ELEQVRQKLL QLLRTYSPSA QVKRLLQACK LLYMALRTQE GEGAGADEFL PLLSVLVLAHC DLPELLLEAE YMSELLEPSL LTGEGGYLT SLSASLALLS GLGQAHTLPL SPVQELRRSL SLWEQRRLPA THCFQHLLRV AYQDPSSGCT SKTLAVPPEA SIATLNQLCA</p>

Product Details

TKFRVTQPNT FGLFLYKEQG YHRLPPGALA HRLPTTGYL VYRRAEWPETQ GAVTEEEGSG
QSEARSRGEE QGCQGDGDAG VKASPRDIRE QSETTAEGGQ GQAQEGPAQP GEPEAEGSRA AEE

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 mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and 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:

RIN1

Alternative Name:

RIN1 ([RIN1 Products](#))

Background:

Ras and Rab interactor 1 (Ras inhibitor JC99) (Ras interaction/interference protein 1),FUNCTION: Ras effector protein, which may serve as an inhibitory modulator of neuronal plasticity in aversive memory formation. Can affect Ras signaling at different levels. First, by competing with RAF1 protein for binding to activated Ras. Second, by enhancing signaling from ABL1 and ABL2, which regulate cytoskeletal remodeling. Third, by activating RAB5A, possibly by functioning as a guanine nucleotide exchange factor (GEF) for RAB5A, by exchanging bound GDP for free GTP, and facilitating Ras-activated receptor endocytosis.

{ECO:0000269|PubMed:15886098, ECO:0000269|PubMed:9144171,

Target Details

ECO:0000269|PubMed:9208849}.

Molecular Weight: 84.1 kDa

UniProt: [Q13671](#)

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