

Datasheet for ABIN7555204
RIN3 Protein (AA 1-985) (His tag)



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Overview

Quantity:	1 mg
Target:	RIN3
Protein Characteristics:	AA 1-985
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RIN3 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat RIN3 Protein expressed in mammalian cells.
Sequence:	<p>MIRHAGAPAR GDPTGPVPVV GKGE EEEEEED GMRLCLPANP KNCLPHRRGI SILEKLIKTC</p> <p>PVWLQLSLGQ AEVARILHRV VAGMFLVRRD SSSKQLVLCV HFPSLNESSA EVLEYTIKEE</p> <p>KSILYLEGSA LVFEDIFRLI AFYCVSRDLL PFTLRLPQAI LEASSFTDLE TIANLGLGFW</p> <p>DSSLNPPQER GKPAEPPRDR APGFPLVSSL RPTAHDANCA CEIELSVGND RLWVFNPIFI</p> <p>EDCSSALPTD QPPLGNCPAR PLPPTSDATS PTSRWAPRRP PPPPPVLPLQ PCSPAQPPVL</p> <p>PALAPAPACP LPTSPVPAP HVTPLHAGPP DHPNQPPMMT CERLPCPTAG LGPLREEAMK</p> <p>PGAASSPLQQ VPAPPLPAKK NLPTAPRRRR VSERVSLEDQ SPGMAAEGDQ LSLPPQGTSD</p> <p>GPEDTPREST EQGQDTEVKA SDPHSMPELP RTAKQPPVPP PRKKRISRQL ASTLPAPLEN</p> <p>AELCTQAMAL ETPTGPPRE GQSPASQAGT QHPPAQATAH SQSSPEFKGS LASLSDSLGV</p> <p>SVMATDQDSY STSSTEEEEE QFSSPSVKKK PSMILGKARH RLSFASFSSM FFAFLSNNRK</p> <p>LYKKVVELAQ DKGSYFGSLV QDYKVYSLEM MARQTSSTEM LQEIRTMMTQ LKSYLLQSTE</p>

LKALVDPALH SEEELEAIVE SALYKCVLKP LKEAINSLH QIHSKDGSLLQ QLKENQLVIL
ATTTTDLGVT TSVPEVPMME KILQKFTSMH KAYSPEKKIS ILLKTCKLIY DSMALGNPGK
PYGADDFLPV LMYVLARSNL TEMLLNVEYM MELMDPALQL GEGSYLTTT YGALEHIKSY
DKITVTRQLS VEVQDSIHRW ERRRTLNKAR ASRSSVQDFI CVSYLEPEQQ ARTLASRADT
QAQALCAQCA EKFAVERPQA HRLFVLVDGR CFQLADDALP HCIKGYLLRS EPKRDFHFVY
RPLDGGGGGG GGSPPCLVVR EPNFL **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 transmembrane proteins.• State-of-the-art algorithm used for plasmid design (Gene synthesis). <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	RIN3
Alternative Name:	RIN3 (RIN3 Products)
Background:	Ras and Rab interactor 3 (Ras interaction/interference protein 3),FUNCTION: Ras effector protein that functions as a guanine nucleotide exchange (GEF) for RAB5B and RAB31, by exchanging bound GDP for free GTP. Required for normal RAB31 function. {ECO:0000269 PubMed:12972505, ECO:0000269 PubMed:21586568}.
Molecular Weight:	107.9 kDa

Target Details

UniProt: [Q8TB24](#)

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