

Datasheet for ABIN7564472

RINT1 Protein (AA 1-792) (His tag)



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Overview

Quantity:	1 mg
Target:	RINT1
Protein Characteristics:	AA 1-792
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RINT1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Rint1 Protein expressed in mammalian cells.
Sequence:	<p>MLAADDIGEV PAAPCCPESG DETKNTDVKS DVNTAAPAGS EQLSQGGSDD ALLSYVSAFI</p> <p>EKEVGSDLKS LKTLGKLIQ MTESKVKLEE QVLTISSEIP KRIQSALKDA EESKQLLDEF</p> <p>LEQEAPLFSS ISSHLLMAQP WMDDL GAMIT QMEEIERHLA YLKWVSQTEE LSDNIQQYLM</p> <p>TNSVPEAASL LVTMTELDIQ LQESSCTHLL SFMRATVKFW HKILKDKLTS DFEEVLAQLH</p> <p>WPFTSHTQSQ TVGGSRPAGT PELYSSLDL FCQLLKLQAS DELLTEPKQL PEKYCLPASP</p> <p>PVTLPIQVML APLQKRFRYH FRGSRQTNVM SKPEWYLAQV LMWIGNHTQF LDEKIQPILD</p> <p>KVGSAVNARL EFSRGLVMLI LEKLASDIPC LLYDDSLFCH LVDEVLLFER ELHTVHGYP</p> <p>TFASCMHILS EETCFQRWLT VERKFALQKM DSMLSSEAAW VSQYKDISDV DEMKVPDCAE</p> <p>VFMTLLLVIT DRYKNLPTAS RKLQFLELQK DLVDDFRIRL TQVMKEETRA ALGFRYCAIL</p> <p>NAVNYISAVL ADWADNVFFL QLQQAALFV AENNVLSKLQ LGQLASMESS VFDDMINLLE</p> <p>RLKLDMLTRQ VDHVFREVVD SAKLYKKERW LSLPSQSEQA VMSLSSSACP LLLTLRDRLL</p>

QLEQQLCFSL FRIFWQMLAE KLDLYIQEI ILANHFNEGG AAQLQFDMTR NLFPLFSHYC
KRPENYFKHV KEACILNLN IGSALLLKDV LQSVSEHIPA TAALNEVG VY KLAQQDVEIL
LNLRTNWPNT GK **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
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Grade:	custom-made
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Target Details

Target:	RINT1
Alternative Name:	Rint1 (RINT1 Products)
Background:	RAD50-interacting protein 1 (RAD50 interactor 1) (RINT-1),FUNCTION: Involved in regulation of membrane traffic between the Golgi and the endoplasmic reticulum, the function is proposed to depend on its association in the NRZ complex which is believed to play a role in SNARE assembly at the ER. May play a role in cell cycle checkpoint control. Essential for telomere length control (By similarity). {ECO:0000250 UniProtKB:Q6NUQ1}.
Molecular Weight:	90.1 kDa
UniProt:	Q8BZ36

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