


Reticulon 3 (RTN3) (AA 2-863) protein (His tag)

Protein Name:	Reticulon 3 (RTN3)	<div>1 Image available</div> 	
Protein Characteristics:	AA 2-863		
Origin:	Human		
Source:	Insect Cells		
Protein Type:	Recombinant		
Purification tag / Conjugate:	This Reticulon 3 protein is labelled with His tag.		
Application:	Crystallization (Crys), ELISA, SDS-PAGE (SDS), Western Blotting (WB)		
Catalog no.:	ABIN3111137		
Quantity:	0.5 mg		
Availability:	Will be delivered in 60 Business Day(s) (Ships to: North America)		

Product Details

Sequence:	AEPSAATQSH SSSSSFGAE PSAPGGGGSP GACPALGTKS CSSSCADSFV SSSSSQPVSL FSTSQEGLSS LCSDEPSSEI MTSSFLSSSE IHNTGLTILH GEKSHVLGSQ PILAKEGKDH LDLLDMKKME KPQGTNNVS DSSVSLAAGV HCDRPSIPAS FPEHPAFLSK KIGQVEEQID KETKNPNGVS SREAKTALDA DDRFTLLTAQ KPTEYSKVE GIYTYSLSPS KVS GDDVIEK DSPESPFEVI IDKAAFDFKEF KDSYKESTDD FGSWSVHTDK ESSEDISETN DKLFPLRNKE AGRYPMSALL SRQFSHTNAA LEEVSRVND MHNFTNEILT WDLVPQVKQQ TDKSSDCITK TTGLDMSEYN SEIPVVNLKT STHQKTPVCS IDGSTPITKS TGDWAEASLQ QENAITGKPV PDSLNSTKEF SIKGVQGNMQ KQDDTLAELP GSPPEKCDL GSGVATVKV LPDDHLKDEM DWQSSALGEI TEADSSGESD DTVIDITAD TSFENNKIQA EKPVSIPSAV VKTGEREIKE IPSCEREKT SKNFEELVSD SELHQDQPD LGRSPASEAA CSKVPDTNVS LEDVSEVAPE KPITTENPKL PSTVSPNVFN ETEFSLNVT SAYLES LHGK NVKHIDDSSP EDLIAAFTET RDKGIVDSER NAFKAISEKM TDFKTTTPVE VLHENESGGS EIKDIGSKYS EQSKETNGSE PLGVFPTQGT PVASLDLEQE QLTIKALKEL GERQVEKSTS AQRDAELPSE EVLKQTTFA PESWPQRSYD ILERNVKNGS DLGISQKPIT IRETTRVDAV SLSKTELVK KHV LARLLTD FSVHDLIFWR DVKKTGFVFG TT	
	Sequence without tag. Tag location is at the discretion of the manufacturer. If you have a special request, please contact us.	
Characteristics:	<ul style="list-style-type: none">• Made in Germany - from design to production - by highly experienced protein experts.• Human RTN3 Protein (raised in E. Coli) purified by multi-step, protein-specific process to ensure crystallization grade.• State-of-the-art algorithm used for plasmid design (Gene synthesis).	
Purification:	Two step purification of proteins expressed in bacterial culture:	
Purity:	>95 % as determined by SDS PAGE, Size Exclusion Chromatography and Western Blot.	
Sterility:	0.22 µm filtered	
Endotoxin Level:	Protein is endotoxin free.	
Grade:	Crystallography grade	

Target details

Background:	May be involved in membrane trafficking in the early secretory pathway. Inhibits BACE1 activity and amyloid precursor protein processing. May induce caspase-8 cascade and
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Target details

	apoptosis. May favor BCL2 translocation to the mitochondria upon endoplasmic reticulum stress. In case of enteroviruses infection, RTN3 may be involved in the viral replication or pathogenesis. Induces the formation of endoplasmic reticulum tubules (PubMed:25612671). {ECO:0000269 PubMed:15286784, ECO:0000269 PubMed:16054885, ECO:0000269 PubMed:17031492, ECO:0000269 PubMed:17191123, ECO:0000269 PubMed:25612671}.
Molecular Weight:	94.4 kDa Including tag.
UniProt:	O95197
Research Area:	Signaling, Apoptosis/Necrosis

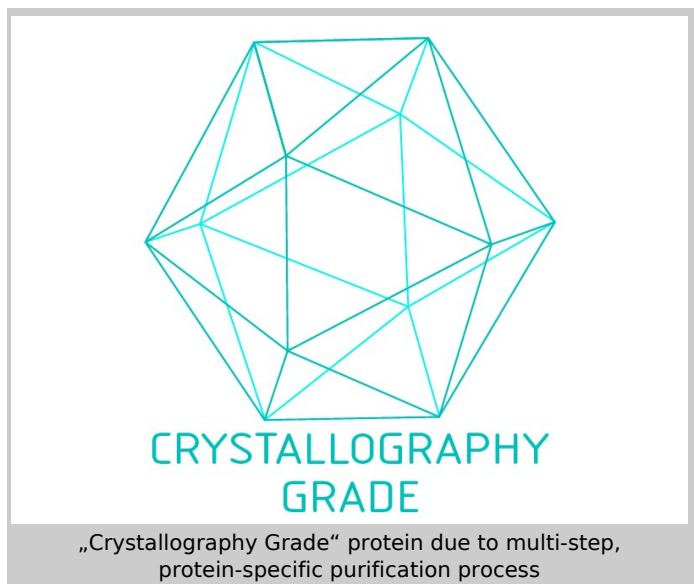
Application Details

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.
Comment:	In cases in which it is highly likely that the recombinant protein with the default tag will be insoluble our protein lab may suggest a higher molecular weight tag (e.g. GST-tag) instead to increase solubility. We will discuss all possible options with you in detail to assure that you receive your protein of interest.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	100 mM NaCL, 20 mM Hepes, 10% glycerol. pH value 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:	Unlimited (if stored properly)

Images



Order form

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Atlanta, GA 30338 info@antibodies-online.com
United States

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City	Country
VAT ID		

Your Order

Purchase Order Number (PON) (Optional)

Pos.	Product ID (e.g. ABIN123456)	Name (e.g. SOC2 antibody)	Amount
1.	ABIN3111137	Reticulon 3 (RTN3) (AA 2-863) protein (His tag)	
2.			
3.			

I took note of and accepted the terms and conditions of antibodies-online Inc. (<http://www.antibodies-online.com/terms/>).

Signature Place, Date