

Datasheet for ABIN7565042
RIMS2 Protein (AA 1-1530) (His tag)



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Overview

Quantity:	1 mg
Target:	RIMS2
Protein Characteristics:	AA 1-1530
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RIMS2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Rims2 Protein expressed in mammalien cells.
Sequence:	MSAPLGPRGR PAPTPAASQP PPQPMPDLS HLTEEERKII LAVMDRQKKE EEKEQSVLKI KEEHKAQPTQ WFPFSGITEL VNNVLQPQQK QPNEKEPQTK LHQQFEMYKE QVKKMGEESEQ QQEQKGDAP TCGICHKTKF ADGCGHNCSY CQTKFCARCG GRVSLRSNKV MWVCNLCRKQ QEILTKSGAW FYNSGSNTLQ QPDQKVPRGL RNEEAPQEKK AKLHEQPQFQ GAPGDLSVPA VEKGRAHGLT RQDTIKNGSG VKHQIASDMP SDRKRSPSVS RDQNRRYEYS EEREDYSQYV PSDGTMPRSP SDYADRRSQR EPQFYEEPFGH LNYRDSNRRG HRHSKEYIVD DEDVESRDEY ERQRREEEYQ ARYRSDPNLA RYPVKPQPYE EQMRIHAEVS RARHERRHSD VSLANAELED SRISLLRMDR PSRQRSVSER RAAMENQRSY SMERTREAQG QSSYPQRTSN HSPPTPRRSP IPLDRPDMRR ADSLRKQHHL DPSSAVRRTK REKMETMLRN DSLSSDQSES VRPPPPRPHK SKKGGKMRQV SLSSSEELA STPEYTSCDD VELESESVSE KGDSQKGRK TSEQGVLSDS NTRSERQKKR MYYGGHSLLEE DLEWSEPQIK DSGVDTCSST TLNEESHSD KHPVTWQPSK

DGDRLLGRIL LNKRLKDGSV PRDSGAMLGL KVVGGKMTES GRLCAFITKV KKGSLADTVG
HLRPGDEVLE WNGRLLQGAT FEEVYNIILE SKPEPQVELV VSRPIGDIPR IPDSTHAQLE
SSSSSFESQK MDRPSISVTS PMSPGMLRDV PQFLSGQLSI KLWFDKVGHQ LIVTILGAKD
LPSREDGRPR NPYVKIYFLP DRSDKNKRRT KTVKKTLEPK WNQTFIYSPV HRREFRERML
EITLWDQARV REESEFLGE ILIELETALL DDEPHWYKLQ THDVSSLPLP RPSPYLPRRQ
LHGESPTRRL QRSKRISDSE VSDYDCEDGV GVVSDYRHNG RDLQSSTLSV PEQVMSSNHC
SPSGSPHRVD VIGRTRSWSP SAPPQQRNVE QGHRGTRATG HYNTISRMDR HRVMDHYSS
DRDRSHPRTG SVQTSPSSTP GTGRRGRQLP QLPPKGTLEP SAMDIEERNR QMKNLKYKQV
AGSDPRLEQD YHSKYRSGWD PHRGADTVST KSSDSVSDV SAVSRTSSAS RFSSTSYMSV
QSERPRGNRK ISVFTSKMQN RQMGVSGKNL TKSTSISGDM CSLEKNDGSQ SDTAVGALGT
SGKKRRSSIG AKMVAIVGLS RKSRSASQLS QTEGGGKCLR STVQRSTETG LAVEMRNWMT
RQASRESTDG SMNSYSSEGN LIFPGVRLAS DSQFSDFLDG LGPAQLVGRQ TLATPAMGDI
QVGMMDKKGQ LEVEIIRARG LVVKPGSKTL PAPYVKVYLL DNGVCIAKKK TKVARKTLEP
LYQQLSFEE SPQGRVLQII VWGDYGRMDH KSFMGVAQIL LDELELSNMV IGWFKLFPPS
SLVDPTLAPL TRRASQSSLE SSTGPSYSRS **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:	RIMS2
Alternative Name:	Rims2 (RIMS2 Products)
Background:	Regulating synaptic membrane exocytosis protein 2 (Rab-3-interacting molecule 2) (RIM 2) (Rab-3-interacting protein 2),FUNCTION: Rab effector involved in exocytosis. May act as scaffold protein. Plays a role in dendrite formation by melanocytes (By similarity). {ECO:0000250 UniProtKB:Q9UQ26}.
Molecular Weight:	172.9 kDa
UniProt:	Q9EQZ7
Pathways:	Hormone Transport, Synaptic Vesicle Exocytosis

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