

Datasheet for ABIN7551218

RCAN1 Protein (AA 1-252) (His tag)



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Overview

Quantity:	1 mg
Target:	RCAN1
Protein Characteristics:	AA 1-252
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RCAN1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat RCAN1 Protein expressed in mammalian cells.
Sequence:	<p>MEDGVAGPQL GAAAEAAEAA EARARPGVTL RPFAPLSGAA EADEGGGDWS FIDCEMEEVD</p> <p>LQDLPSATIA CHLDPRVFVD GLCRAKFESL FRTYDKDITF QYFKSFKRVR INFSNPFSA</p> <p>DARLQLHKTE FLGKEMKLYF AQT LHIGSSH LAPPNPDQKF LISPPASPPV GWKQVEDATP</p> <p>VINYDLLYAI SKLGPGKEYE LHAATDTTPS VVHVCESDQ EKEEEEEMER MRRPKPKIIQ</p> <p>TRRPEYTPIH LS 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.</p>
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

Product Details

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
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Grade:	custom-made
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Target Details

Target:	RCAN1
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Alternative Name:	RCAN1 (RCAN1 Products)
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Background:	Calcipressin-1 (Adapt78) (Down syndrome critical region protein 1) (Myocyte-enriched calcineurin-interacting protein 1) (MCIP1) (Regulator of calcineurin 1),FUNCTION: Inhibits calcineurin-dependent transcriptional responses by binding to the catalytic domain of calcineurin A (PubMed:12809556). Could play a role during central nervous system development (By similarity). {ECO:0000250 UniProtKB:Q9JHG6, ECO:0000269 PubMed:12809556}.
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Molecular Weight:	28.1 kDa
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UniProt:	P53805
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Pathways:	Regulation of Muscle Cell Differentiation, Skeletal Muscle Fiber Development
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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