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Datasheet for ABIN3125108 RCN2 Protein (AA 26-320) (His tag)

Image



Overview

Quantity:	1 mg
Target:	RCN2
Protein Characteristics:	AA 26-320
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This RCN2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS), ELISA, Crystallization (Crys)

Product Details

Sequence:	SKAEELHYPQ GEHRADYDRE ALLGVQEDVD EYVKLGHEEQ QRRLQSIIKK IDSDSDGFLT
	ENELSQWIQM SFKHYAMQEA KQQFVEYDKN SDGAVTWDEY NIQMYDRVID FDENTALDDT
	EEGSFRQLHL KDKKRFEKAN QDSGPGLSLE EFIAFEHPEE VDYMTEFVIQ EALEEHDKNG
	DGFVSLEEFL GDYRRDPTAN EDPEWILVEK DRFVNDYDKD NDGRLDPQEL LSWVVPNNQG
	IAQEEALHLI DEMDLNSDKK LSEEEILENQ DLFLTSEATD YGRQLHDDYF YHDEL
	Sequence without tag. Tag location is at the discretion of the manufacturer. If you have a
	special request, please contact us.
Characteristics:	Made in Germany - from design to production - by highly experienced protein experts.
	 Mouse Rcn2 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).
	This protein is a made to order protein and will be made for the first time for your order. Our

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made proteins from other companies is that there is no financial obligation in case the plant cannot be expressed or purified. In the unlikely event that the protein cannot be expressed or purified we do not charge at (other companies might charge you for any performed steps in the expression process custom-made proteins, e.g. fees might apply for the expression plasmid, the first express experiments or purification optimization). When you order this made-to-order protein you will only pay upon receival of the correct folded protein. With no financial risk on your end you can rest assured that our experien protein experts will do everything to make sure that you receive the protein you ordered The concentration of our recombinant proteins is measured using the absorbance at 28 The protein's absorbance will be measured in several dilutions and is measured against specific reference buffer. Purification: Two step purification of proteins expressed in bacterial culture: 1. In a first purification step, the protein is purified from the cleared cell lysate using thread ifferent His-tag capture materials: high yield, EDTA resistant, or DTT resistant. Eluate fractions are analyzed by SDS-PAGE.		
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Endotoxin Level: Endotoxin has not been removed. Please contact us if you require endotoxin removal.	Sterility:	0.22 µm filtered
	Endotoxin Level:	Endotoxin has not been removed. Please contact us if you require endotoxin removal.
Grade: Crystallography grade	Grade:	Crystallography grade

Target Details

Target:	RCN2
Alternative Name:	Rcn2 (RCN2 Products)
Background:	Not known. Binds calcium (By similarity). {ECO:0000250}.
Molecular Weight:	35.7 kDa Including tag.

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Target Details	
UniProt:	Q8BP92
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 gurantee though.
Comment:	Protein has not been tested for activity yet. 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



Image 1. "Crystallography Grade" protein due to multi-step, protein-specific purification process

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