

Datasheet for ABIN7561656
RQCD1 Protein (AA 1-299) (His tag)



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Overview

Quantity:	1 mg
Target:	RQCD1
Protein Characteristics:	AA 1-299
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RQCD1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Cnot9 Protein expressed in mammalian cells.
Sequence:	<p>MHSLATAAPV PTALAQVDRE KIYQWINELS SPETRENALL ELSKKRESVP DLAPMLWHSF GTIAALLQEI VNIYPSINPP TLTAHQSNRV CNALALLQCV ASHPETRSAF LAAHIPLFLY PFLHTVSKTR PFEYLRSLTSL GVIGALVKTD EQEVINFLT TEIPLCLRI MESGSELSKT VATFILQKIL LDDTGLAYIC QTYERFSHVA MILGKMLVLQ SKEPSARLLK HVVRCYLRLS DNPRAREALR QCLPDQLKDT TFAQVLKDDT TTKRWLAQLV KNLQEGQVTD PRGIPLPPQ Sequence without tag.</p> <p>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.
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Product Details

- 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:	RQCD1
Alternative Name:	Cnot9 (RQCD1 Products)
Background:	CCR4-NOT transcription complex subunit 9 (Cell differentiation protein RQCD1 homolog) (Rcd-1) (EPO-induced protein FL10),FUNCTION: Component of the CCR4-NOT complex which is one of the major cellular mRNA deadenylases and is linked to various cellular processes including bulk mRNA degradation, miRNA-mediated repression, translational repression during translational initiation and general transcription regulation. Additional complex functions may be a consequence of its influence on mRNA expression. Involved in down-regulation of MYB- and JUN-dependent transcription. May play a role in cell differentiation. Required for retinoic acid-induced differentiation of F9 teratocarcinoma cells. Does not bind DNA by itself. Enhances ligand-dependent transcriptional activity of nuclear hormone receptors. May play a role in cell differentiation. {ECO:0000269 PubMed:12356739, ECO:0000269 PubMed:15209511}.
Molecular Weight:	33.6 kDa
UniProt:	Q9JKY0
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway , Regulation of Intracellular Steroid Hormone Receptor Signaling

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