

Datasheet for ABIN7551194
RCCD1 Protein (AA 1-376) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	RCCD1
Protein Characteristics:	AA 1-376
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RCCD1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant RCCD1 Protein expressed in mammalian cells.
Sequence:	MAEERPGAWF GFGFCGFGQE LGSGRGRQVH SPSPLRAGVD ICRVSASWSY TAFVTRGGRL ELSGSASGAA GRCKDAWASE GLLAVLRAGP GPEALLQVWA AESALRGEPL WAQNVVPEAE GEDDPAGEAQ AGRLPLLPCA RAYVSPRAPF YRPLAPELRA RQLELGAEHA LLLDAAGQVF SWGGRHGQL GHGTLEAELE PRLLEALQGL VMAEVAAGGW HSVCVSETGD IYIWGWNESG QLALPTRNLA EDGETVAREA TELNEDGSQV KRTGGAEDGA PAPFIQVQPF PALLDLPMGS DAVKASCGSR HTAVVTRTGE LYTWGWGKYG QLGHEDTSL DRPRRVEYFV DKQLQVKAVT CGPWNTYVYA VEKGKS 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.
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits:

Product Details

- 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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
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Grade:	custom-made
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Target Details

Target:	RCCD1
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Alternative Name:	RCCD1 (RCCD1 Products)
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Background:	RCC1 domain-containing protein 1,FUNCTION: Plays a role in transcriptional repression of satellite repeats, possibly by regulating H3K36 methylation levels in centromeric regions together with KDM8 (PubMed:24981860). Possibly together with KDM8, is involved in proper mitotic spindle organization and chromosome segregation (PubMed:24981860). Plays a role in regulating alpha-tubulin deacetylation and cytoskeletal microtubule stability, thereby promoting cell migration and TGF-beta-induced epithelial to mesenchymal transition (EMT), potentially through the inhibition of KDM8 (PubMed:28455245). {ECO:0000269 PubMed:24981860, ECO:0000269 PubMed:28455245}.
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Molecular Weight:	40.1 kDa
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UniProt:	A6NED2
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Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for
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Application Details

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
