

Datasheet for ABIN7553291

## Cyclin A1 Protein (CCNA1) (AA 1-465) (His tag)



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### Overview

Quantity:	1 mg
Target:	Cyclin A1 (CCNA1)
Protein Characteristics:	AA 1-465
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Cyclin A1 protein is labelled with His tag.

### Product Details

Purpose:	Custom-made recombinant CCNA1 Protein expressed in mammalian cells.
Sequence:	<p>METGFPAIMY PGSFIGGWGE EYLSWEGPGL PDFVFQQPV ESEAMHCSNP KSGVVLATVA  RGPDACQILT RAPLGQDPPQ RTVLGLLTAN GQYRRTCGQG ITRIRCYS GS ENAFPPAGKK  ALPDCGVQEP PKQGFDIYMD ELEQGDRDSC SVREGMAFED VYEVDGTGLK SDLHFLLDFN  TVSPMLVDSS LLSQSEDISS LGTDVINVTE YAEIYQYLR EAEIRHRPKA HYMKKQPDIT  EGMRTLVDW LVEVGEEYKL RAETLYLAVN FLDRFLSCMS VLRGKLQLVG TAAMLLASKY  EEIYPPEVDE FVYITDDTYT KRQLLKMEHL LLKVLAFDLT VPTTNQFLLQ YLRRQGVQVCR  TENLAKYVAE LSLLEADPFL KYLPSLIAAA AFCLANYTVN KHFWPETLAA FTGYSLSEIV  PCLSELHKAY LDIPHRPQQA IREKYKASKY LCVSLMEPPA VLLLQ</p> <p><b>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.</b></p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

## Product Details

isoform, please contact us regarding an individual offer.

### 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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

### Grade:

custom-made

## Target Details

### Target:

Cyclin A1 (CCNA1)

### Alternative Name:

CCNA1 ([CCNA1 Products](#))

### Background:

Cyclin-A1,FUNCTION: May be involved in the control of the cell cycle at the G1/S (start) and G2/M (mitosis) transitions. May primarily function in the control of the germline meiotic cell cycle and additionally in the control of mitotic cell cycle in some somatic cells.  
{ECO:0000269|PubMed:10022926}.

### Molecular Weight:

52.4 kDa

### UniProt:

[P78396](#)

### Pathways:

[Apoptosis](#), [Cell Division Cycle](#), [AMPK Signaling](#), [Mitotic G1-G1/S Phases](#), [DNA Replication](#), [M Phase](#), [Synthesis of DNA](#)

## Application Details

Application Notes:	We expect the protein to work for functional studies. 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