

RPD263Hu02 100µg Recombinant Cyclin A1 (CCNA1) Organism Species: *Homo sapiens (Human) Instruction manual* 

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

# Coud-Clone Corp.

### [PROPERTIES]

Source: Prokaryotic expression Host: *E.coli* Residues: Met1~Gln464 Tags: N-terminal His Tag Subcellular Location: Nucleus Purity: > 80% Traits: Freeze-dried powder Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 0.01% sarcosyl, 5%Trehalose. Original Concentration: 200µg/mL Applications: Positive Control; Immunogen; SDS-PAGE; WB. (May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 4.7

Predicted Molecular Mass: 56.0kDa

Accurate Molecular Mass: 56kDa as determined by SDS-PAGE reducing conditions.

### [ <u>USAGE</u> ]

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

#### [STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

## Cond-Clone Corp.

### [SEQUENCE]

```
METGFPAIMY PGSFIGGWGE EYLSWEGPGL PDFVFQQPVE SEAMHCSNPK
SGVVLATVAR GPDACQILTR APLGQDPPQR TVLGLLTANG QYRRTCGQGI
TRIRCYSGSE NAFPPAGKKA LPDCGVQEPP KQGFDIYMDE LEQGDRDSCS
VREGMAFEDV YEVDTGTLKS DLHFLLDFNT VSPMLVDSSL LSQSEDISSL
GTDVINVTEY AEEIYQYLRE AEIRHRPKAH YMKKQPDITE GMRTILVDWL
VEVGEEYKLR AETLYLAVNF LDRFLSCMSV LRGKLQLVGT AAMLLASKYE
EIYPPEVDEF VYITDDTYTK RQLLKMEHLL LKVLAFDLTV PTTNQFLLQY
LRRQGVCVRT ENLAKYVAEL SLLEADPFLK YLPSLIAAAA FCLANYTVNK
HFWPETLAAF TGYSLSEIVP CLSELHKAYL DIPHRPQQAI REKYKASKYL
CVSLMEPPAV LLLQ
```

### [IDENTIFICATION]

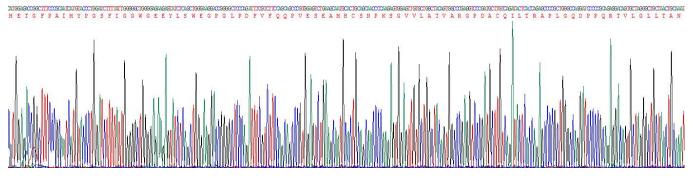


Figure. Gene Sequencing (Extract)

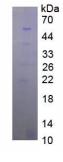


Figure. SDS-PAGE

### [<u>IMPORTANT NOTE</u>]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.