

RPA331Mu01 1 Recombinant Transition Protein 1 (TNP1) Organism Species: *Mus musculus (Mouse) 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: Thr3~Ser53 Tags: N-terminal His and GST Tag Subcellular Location: Nucleus, Chromosome Purity: > 97% Traits: Freeze-dried powder Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300. 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: 9.5 Predicted Molecular Mass: 38.3kDa

Accurate Molecular Mass: 39kDa as determined by SDS-PAGE reducing conditions.

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

Reconstitute in 10mM PBS (pH7.4) 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.

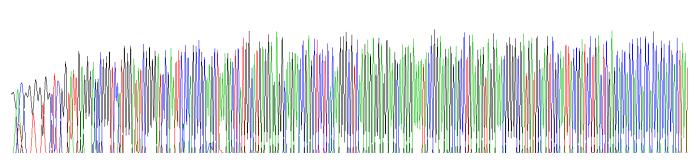
**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration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

#### [ <u>SEQUENCE</u> ]

# Cloud-Clone Corp.

TSRKLKTH GMRRGKNRAP HKGVKRGGSK RKYRKSVLKS RKRGDDASRN YRS

### [IDENTIFICATION]



MGAGAMATZCOGGAGAGOZOTGAQAG<mark>T</mark>ZGAACCCCGCGATGATGCAGTUGZATTZCOGATCTGCTCGAGAZCZCCZCZACZACZACZACZ

Figure . Gene Sequencing (extract)

70
44
33
26
22
18
14
10

#### [IMPORTANT NOTE]

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.