

RPH050Ra01 10µg Recombinant Transcription Factor A, Mitochondrial (TFAM) Organism Species: *Rattus norvegicus (Rat) 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: Ser43-Asn244

Tags: N-terminal His and GST Tag

Subcellular Location: Mitochondrion

**Purity:** > 97%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 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: 9.2

Predicted Molecular Mass: 53.7kDa

Accurate Molecular Mass: 53kDa 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.

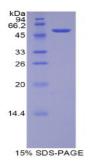
**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration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



## [SEQUENCE]

SSLGNYPK KPMSSYLRFS TEQLPKFKAK HPDAKVSELI RKIAAMWREL PEAEKKVYEA DFKAEWKVYK EAVSKYKEQL TPSQLMGLEK EARQKRLKKK AQIKRRELIL LGKPKRPRSA YNIYVSESFQ EAKDESAQGK LKLVNQAWKN LSHDEKQAYI QLAKDDRIRY DNEMKSWEEQ MAEVGRSDLI RRSVKRPPGD ISEN

## [IDENTIFICATION]



## [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.