

RPD295Ra01 50ug Recombinant Cytochrome P450 1A1 (CYP1A1) Organism Species: *Rattus norvegicus (Rat) Instruction manual* 

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

# Cond-Clone Corp.

## [PROPERTIES]

Source: Prokaryotic expression

Host: E.coli

Residues: Ser251~His521

Tags: N-terminal His and GST Tag

Subcellular Location: Mitochondrion, Endoplasmic reticulum lumen

**Purity:** > 95%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT,

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: 6.8

Predicted Molecular Mass: 61.5kDa

Accurate Molecular Mass: 62kDa 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.

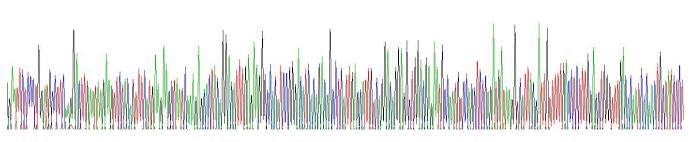
**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration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

## Control Cloud-Clone Corp.

## [SEQUENCE]

SLDAFKDLNK KFYSFMKKLI KEHYRTFEKG HIRDITDSLI EHCQDRRLDE NANVQLSDDK VITIVFDLFG AGFDTITTAI SWSLMYLVTN PRIQRKIQEE LDTVIGRDRQ PRLSDRPQLP YLEAFILETF RHSSFVPFTI PHSTIRDTSL NGFYIPKGHC VFVNQWQVNH DQELWGDPNE FRPERFLTSS GTLDKHLSEK VILFGLGKRK CIGETIGRLE VFLFLAILLQ QMEFNVSPGE KVDMTPAYGL TLKHARCEHF QVQMRSSGPQ H

### [IDENTIFICATION]



### Figure . Gene Sequencing (extract)

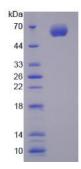


Figure. SDS-PAGE

### [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.