

RPH337Mu02 100µg Recombinant Peroxisome Proliferator Activated Receptor Gamma Coactivator 1 Alpha (PPARgC1a) 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: Glu349~Arg797

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% SKL, 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: 8.2

Predicted Molecular Mass: 56.4kDa

Accurate Molecular Mass: 56&40&33kDa 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.

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

## Cond-Clone Corp.

EQ

SELYAQLSKS SGLSRGHEER KTKRPSLRLF GDHDYCQSLN SKTDILINIS QELQDSRQLD FKDASCDWQG HICSSTDSGQ CYLRETLEAS KQVSPCSTRK QLQDQEIRAE LNKHFGHPCQ AVFDDKSDKT SELRDGDFSN EQFSKLPVFI NSGLAMDGLF DDSEDESDKL SYPWDGTQPY SLFDVSPSCS SFNSPCRDSV SPPKSLFSQR PQRMRSRSRS FSRHRSCSRS PYSRSRSRSP GSRSSSRSCY YYESSHYRHR THRNSPLYVR SRSRSPYSRR PRYDSYEAYE HERLKRDEYR KEHEKRESER AKQRERQKQK AIEERRVIYV GKIRPDTTRT ELRDRFEVFG EIEECTVNLR DDGDSYGFIT YRYTCDAFAA LENGYTLRRS NETDFELYFC GRKQFFKSNY ADLDTNSDDF DPASTKSKYD SLDFDSLLKE AQRSLR

#### [IDENTIFICATION]

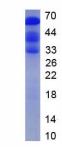


Figure. SDS-PAGE

#### [<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.