Recombinant Peroxisome Proliferator Activated Receptor Gamma Coactivator 1 Alpha (PPARgC1a) Instruction Manual

SIPH512Mu02

Mus musculus (Mouse)

Source Prokaryotic expression

Host E.coli

Endotoxin Level <1.0EU per 1µg (determined by the LAL method)

Subcellular Location Nucleus **Predicted Molecular Mass** 56.4kDa

Accurate Molecular Mass 56&40&33kDa(Analysis of differences refer to the manual)

Residues & Tags Glu349~Arg797 with N-terminal His Tag

Buffer Formulation 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA,

1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Traits Freeze-dried powder

Purity > 80% Isoelectric Point 8.2

Applications Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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 AQRSLRR

USAGE

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

STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

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.



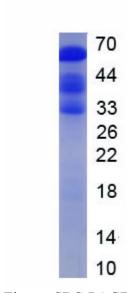


Figure. SDS-PAGE

[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.