

# Recombinant Peroxisome Proliferator Activated Receptor Gamma Coactivator 1 Alpha (PPAR $\gamma$ C1a) Instruction Manual

**SIPH512Mu02**

**Mus musculus (Mouse)**

<b>Source</b>	Prokaryotic expression
<b>Host</b>	E.coli
<b>Endotoxin Level</b>	<1.0EU per 1 $\mu$ g (determined by the LAL method)
<b>Subcellular Location</b>	Nucleus
<b>Predicted Molecular Mass</b>	56.4kDa
<b>Accurate Molecular Mass</b>	56&40&33kDa(Analysis of differences refer to the manual)
<b>Residues &amp; Tags</b>	Glu349~Arg797 with N-terminal His Tag
<b>Buffer Formulation</b>	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
<b>Traits</b>	Freeze-dried powder
<b>Purity</b>	> 80%
<b>Isoelectric Point</b>	8.2
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

## SEQUENCE

EQ  
SELYAQLSKS SGLSRGHEER KTKRPSLRLF GDHDYCQSLN SKTDILINIS  
QELQDSRQLD FKDASCDWQG HICSSSTDSGQ CYLRETLEAS KQVSPCSTRK  
QLQDQEIRAE LNKHFGHPCQ AVFDDKSDKT SELRDGDFSN EQFSKLPVFI  
NSGLAMDGLF DSEDESCKL SYPWDGTQPY SLFDVSPSCS SFNSPCRDSV  
SPPKSLFSQR PQMRSRRSRS FSRHRSCSRS PYSRSRSRSP GSRSSSRSCY  
YYESSHYRHR THRNPLYVR SRSRSPYSRR PRYDSYEAYE HERLKRDEYR  
KEHEKRESER AKQRERQKQK AIEERRVIYV GKIRPDTRT ELRDRFEVFG  
EIEECTVNLR DDGDSYGFIT YRYTCDAFAA LENGTYLRRS 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.

## Image



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.