

Recombinant Peroxisome Proliferator Activated Receptor Gamma Coactivator 1 Alpha (PPAR γ C1a) Instruction Manual

SIPH512Hu02

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1 μ g (determined by the LAL method)
Subcellular Location	Nucleus, Cytoplasm
Predicted Molecular Mass	56.5kDa
Accurate Molecular Mass	57kDa(Analysis of differences refer to the manual)
Residues & Tags	Glu350~Arg798 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	7.8
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

QSELYAQLSK SSVLTGGHEE RKTKRPSLRL FGDHDYCQSI NSKTEILINI
SQELQDSRQL ENKDVSSDWQ GQICSSDSD QCYLRETLEA SKQVSPCSTR
KQLQDQEIRA ELNKHFGHPS QAVFDDEADK TGELRSDDFS NEQFSKLPMF
INSGLAMDGL FDDSEDESDK LSYPWDGTQS YSLFNVSPSC SSFNSPCRDS
VSPPKSLFSQ RPQRMRSR SRFSRHRSCSR SPYSR SRSR PGSRSSSRSC
YYYESSHYRH RTHRNSPLYV RSRSRSPYSR RPRYDSYEEY QHERLKREEY
RREYEKRESE RAKQRRERQK KAIEERRVIY VGKIRPDTR TELRDRFEVF
GEIEECTVNL RDDGDSYGFY TYRYTCDAFA ALENGYTLRR SNETDFELYF
CGRKQFFKSN YADLDSNSDD FDPASTKSKY DSLDFDSSLK EAQRSLRR

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

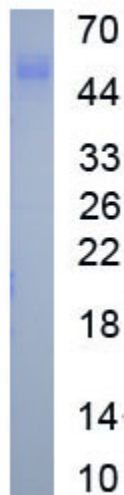


Figure. SDS-PAGE

[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.