

Recombinant Peroxisome Proliferator Activated Receptor Alpha (PPARα) Instruction Manual

SIPA911Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Nucleus
Predicted Molecular Mass	13.2kDa
Accurate Molecular Mass	18&35kDa(Analysis of differences refer to the manual)
Residues & Tags	Pro61~Ala170 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	8.9
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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PGSDGSVITD TLSPASSPSS VTYPVVPGSV DESPSGALNI  
ECRICGDKAS GYHYGVHACE GCKGFFRRTI RLKLVYDKCD RSCKIQKKNR  
NKCQYCRFHK CLSVGMSHNA
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USAGE

Reconstitute in ddH₂O to a concentration of 0.1-0.25 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

CC TGG TCG CAT GGT TGG TAT CAG GCA GCG TTT CAG CAG TTT CAG GGC TCT CCG GCA TTA TCC TGG TCC CCG GAG CCG GAG CAG CTT CCA GTC GAG CATT GCA ATG CAT GCA CTC GCG C CAG GGC T A GGC T A GGC T A CATT A GCG CTT CAG CCG TCG GAG C TCG A GGC TTT CTT CCG CAG C
P G S D G S V I T D T L S P A S S P S S V T Y P V V P G S V D E S P S G A L N I E C R I C G D K A S G Y H Y G V H A C E G C K G F F R T

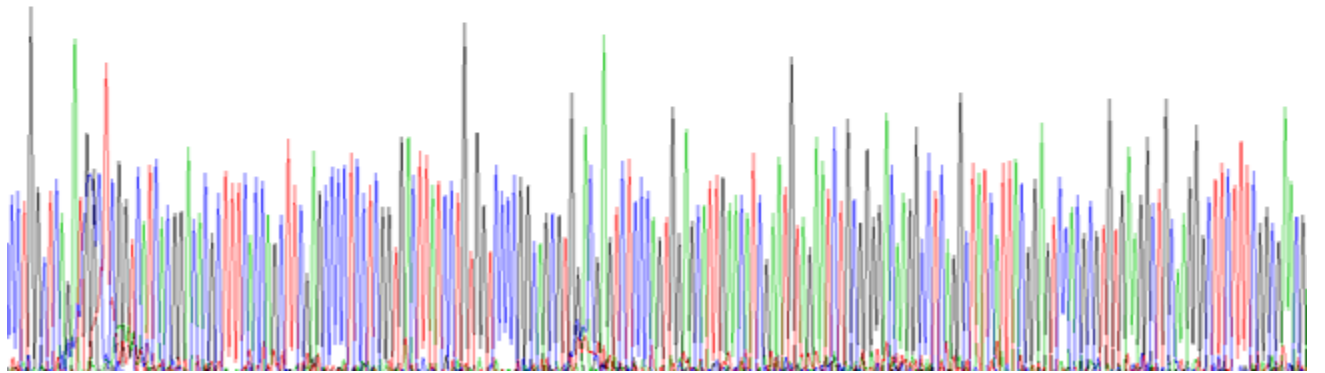


Figure. SDS-PAGE

[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.