

RPH337Hu02 1mg

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

Organism Species: Homo sapiens (Human)

Instruction manual

FOR RESEARCH USE ONLY NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)



[PROPERTIES]

Source: Prokaryotic expression

Host: E.coli

Residues: Glu350~Arg798

Tags: N-terminal His Tag

Subcellular Location: Nucleus, Cytoplasm

Purity: > 80%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, 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: 7.8

Predicted Molecular Mass: 56.5kDa

Accurate Molecular Mass: 57kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 10mM PBS (pH7.4) 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.

[SEQUENCE]

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QSELYAQLSK SSVLTGGHEE RKTKRPSLRL FGDHDYCQSI NSKTEILINI SQELQDSRQL ENKDVSSDWQ GQICSSTDSD QCYLRETLEA SKQVSPCSTR KQLQDQEIRA ELNKHFGHPS QAVFDDEADK TGELRDSDFS NEQFSKLPMF INSGLAMDGL FDDSEDESDK LSYPWDGTQS YSLFNVSPSC SSFNSPCRDS VSPPKSLFSQ RPQRMRSRSR SFSRHRSCSR SPYSRSRSRS PGSRSSSRSC YYYESSHYRH RTHRNSPLYV RSRSRSPYSR RPRYDSYEEY QHERLKREEY RREYEKRESE RAKQRERQRQ KAIEERRVIY VGKIRPDTTR TELRDRFEVF GEIEECTVNL RDDGDSYGFI TYRYTCDAFA ALENGYTLRR SNETDFELYF CGRKQFFKSN YADLDSNSDD FDPASTKSKY DSLDFDSLLK EAQRSLRR
```

[IDENTIFICATION]

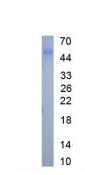


Figure. SDS-PAGE

[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.