

# Recombinant Human PPARGC1A Protein, His-tagged

**Cat. No.** PPARGC1A-2611H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                     |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human PPARGC1A Protein(Glu350-Arg798), fused with N-terminal His tag, was expressed in E. coli.                                         |
| <b>Species</b>          | Human                                                                                                                                               |
| <b>Source</b>           | E.coli                                                                                                                                              |
| <b>ProteinLength</b>    | Glu350-Arg798                                                                                                                                       |
| <b>Tag</b>              | N-His                                                                                                                                               |
| <b>Form</b>             | Liquid in sterile PBS, pH7.4, 8% Trehalose.                                                                                                         |
| <b>Molecular Mass</b>   | The protein has a calculated MW of 56 kDa.                                                                                                          |
| <b>Endotoxin</b>        | <1.0 EU per 1µg (determined by the LAL method).                                                                                                     |
| <b>Purity</b>           | > 85 % as determined by SDS-PAGE.                                                                                                                   |
| <b>Storage</b>          | Store it under sterile conditions at -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |
| <b>Concentration</b>    | 1.0 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.                                                                |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of                                                            |

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

#### AA Sequence

MGSSHHHHHHSSGLVPRGSHMASMTGGQQMGRGSEFEQSELYAQLSKSSVLTGG  
HEERKTKRPSLRFLGDHDYCSINSKTEILINISQELQDSRQLENKDVSSDWQGQIC  
SSTDSDQCYLRETLEASKQVSPCSTRKQLQDQEIRAE LNKHFGHPSQAVFDDEADK  
TGELRDSDFSNEQFSKLPMFINSLAMDGLFDDSEDES KLSYPWDGTQSYSLFNV  
SPSCSSFNSPCRDSVSPPKSLFSQRPQRMRSR SRFSRHRSCSRSPYSR SRSRSP  
GSRSSSRSCYYYESSHYRHRTHRNSPLYVRSR SRSPYSRRPRYDSYEEYQHERLK  
REEYRREYEKRESERAKQRERQRQKAIEERRVIYVGKIRPD TTRTELDRFEVFGEI  
EECTVNLRDDGDSYGFITYRYTCDAFAALENGYTLRRSNETDFELYFCGRKQFFKS  
NYADLDSNSDDFDPASTKSKYDSLDFD SLLKEAQRSLRR

## GENE INFORMATION

#### Gene Name

PPARGC1A peroxisome proliferator-activated receptor gamma, coactivator 1 alpha [ Homo sapiens ]

#### Official Symbol

PPARGC1A

#### Synonyms

PPARGC1A; peroxisome proliferator-activated receptor gamma, coactivator 1 alpha; peroxisome proliferative activated receptor, gamma, coactivator 1 , peroxisome proliferative activated receptor, gamma, coactivator 1, alpha , PPARGC1; peroxisome proliferator-activated receptor gamma coactivator 1-alpha; PGC1; PGC1A; PGC-1-alpha; L-PGC-1alpha; PPARGC-1-alpha; ligand effect modulator-6; PPAR gamma coactivator variant form; LEM6; PGC-1v; PPARGC1; PGC-1(alpha);

#### Gene ID

10891

#### mRNA Refseq

NM\_013261

#### Protein Refseq

NP\_037393

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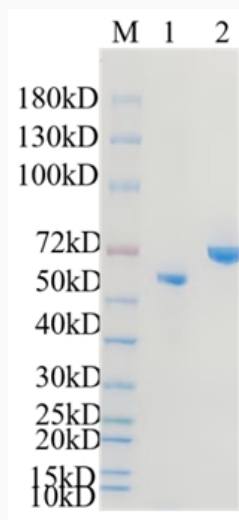
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MIM 604517

UniProt ID Q9UBK2

SDS-PAGE



Lane 1: PPARGC1A-2611H; Lane 2: BSA

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