

Recombinant Rat Ppargc1a protein, His-tagged

Cat. No. PPARGC1A-4594R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Ppargc1a(Ser588~Ser773) fused with His tag at N-terminal was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Ser588~Ser773
Form	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Molecular Mass	24.1kDa
AA Sequence	MGHHHHHHSG SEF- SPG SRSSSRSCYY YESSHYRHRT HRNSPLYVRS RSRSPYSRRP RYDSYEANEH ERLKRDEYRR EYEKRESERA KQRERQKQKA IEERRVIYVG KIRPDTRTE LRDRFEVFGE IEECTVNLRD DGDSYGFITY RYTCDAFAAL ENGYTLRRSN ETDFELYFCG RKQFFKSNYA DLDSNSDDFD PAS
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Applications	SDS-PAGE; WB; ELISA; IP.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and

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store at -80 centigrade for 12 months.

Reconstitution Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name Ppargc1a peroxisome proliferator-activated receptor gamma, coactivator 1 alpha [*Rattus norvegicus*]

Official Symbol Ppargc1a

Synonyms PPARGC1A; peroxisome proliferator-activated receptor gamma, coactivator 1 alpha; peroxisome proliferator-activated receptor gamma coactivator 1-alpha; PGC-1-alpha; PPARGC-1-alpha; PPAR-gamma coactivator 1-alpha; peroxisome proliferative activated receptor gamma coactivator 1; peroxisome proliferative activated receptor, gamma, coactivator 1 alpha; Ppargc1;

Gene ID 83516

mRNA Refseq NM_031347

Protein Refseq NP_112637

MIM

UniProt ID Q9QYK2

Chromosome Location 14q11

Pathway Adipocytokine signaling pathway, organism-specific biosystem; Adipocytokine signaling pathway, conserved biosystem; Adipogenesis, organism-specific biosystem;

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Circadian Clock, organism-specific biosystem; Circadian Repression of Expression by REV-ERBA, organism-specific biosystem; Developmental Biology, organism-specific biosystem; Huntingtons disease, organism-specific biosystem;

Function

DNA binding; DNA binding; RNA binding; ligand-dependent nuclear receptor binding; ligand-dependent nuclear receptor binding; ligand-dependent nuclear receptor transcription coactivator activity; ligand-dependent nuclear receptor transcription coactivator activity; nucleotide binding; transcription coactivator activity; transcription coactivator activity; transcription factor binding; transcription factor binding;

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