

Peroxisome Proliferator Activated Receptor Gamma Coactivator 1 Alpha (PPARγC1α) Recombinant Protein | PPARγC1α recombinant protein

Recombinant Peroxisome Proliferator Activated Receptor Gamma Coactivator 1 Alpha (PPARγC1α)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA133970	E.coli	Rattus norvegicus (Rat)	Western Blot, SDS-Page

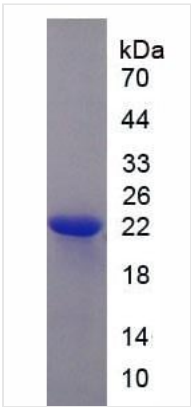
PRODUCT SYNONYMS

Peroxisome Proliferator Activated Receptor Gamma Coactivator 1 Alpha (PPARγC1α); Recombinant Peroxisome Proliferator Activated Receptor Gamma Coactivator 1 Alpha (PPARγC1α); PPARγC1α recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Rattus norvegicus (Rat)
Purity/Purification	> 90%
Form/Format	PBS, pH7.4, containing 0.05% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for PPARγC1α recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Ser588~Ser773
Tags	N-terminal His Tag
Subcellular Location	Nucleus
Traits	Freeze-dried powder
Predicted isoelectric point	8.6
Usage	Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree 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 degree 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.

IMAGES



SPG SRSSSRSCYY
YESSHYRHT HRNSPLYVRS RSRSPYSRRP RYDSYEANEH ERLKRDEYRR
EYEKRESERA KQERQKQKA IEERRVIYVG KIRPDTRTE LRDRFEVFG
IEECTVNLRD DGDSYGFITY RYTCDFAAL ENGTYLRRSN ETDFFELYFCG
RKQFFKSNYA DLDSNSDDFD PAS

Sequence

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	13786188
NCBI GeneID	83516
NCBI Accession #	NP_112637.1
NCBI GenBank Nucleotide #	NM_031347.1
UniProt Accession #	Q9QYK2
Molecular Weight	Predicted Molecular Mass: 23.8kDa Accurate Molecular Mass: 22kDa as determined by SDS-PAGE reducing conditions
NCBI Official Full Name	peroxisome proliferator-activated receptor gamma coactivator 1-alpha
NCBI Official Synonym Full Names	peroxisome proliferator-activated receptor gamma, coactivator 1 alpha
NCBI Official Symbol	Ppargc1a
NCBI Official Synonym Symbols	Ppargc1
NCBI Protein Information	peroxisome proliferator-activated receptor gamma coactivator 1-alpha; PGC-1alpha; 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
UniProt Protein Name	Peroxisome proliferator-activated receptor gamma coactivator 1-alpha
UniProt Gene Name	Ppargc1a
UniProt Synonym Gene Names	Pgc1; Pgc1a; Ppargc1; PGC-1-alpha; PPAR-gamma coactivator 1-alpha
UniProt Entry Name	PRGC1_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/ppargc1a-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/133970>