Resource Summary Report

Generated by RRID on Aug 28, 2026

pAd-Track Flag HA PGC-1 alpha

RRID:Addgene_14426
Type: Plasmid

Proper Citation

RRID:Addgene_14426

Plasmid Information

URL: http://www.addgene.org/14426

Proper Citation: RRID:Addgene_14426

Insert Name: PGC-1 alpha

Organism: Mus musculus

Bacterial Resistance: Kanamycin

Defining Citation: PMID:16753578

Vector Backbone Description: Backbone Size:9000; Vector Backbone:pAdTrack-CMV; Vector Types:Mammalian Expression, Adenoviral; Bacterial Resistance:Kanamycin

Comments: pAdTrack can be recombined with pAdEasy to make adenoviral-PGC1. See He et al. http://www.pnas.org/cgi/content/full/95/5/2509 for protocols.

Plasmid Name: pAd-Track Flag HA PGC-1 alpha

Relevant Mutation: Last four amino acids of PGC-1a removed to make the protein more stable.

Record Creation Time: 20220422T221817+0000

Record Last Update: 20260815T080652+0000

Ratings and Alerts

No rating or validation information has been found for pAd-Track Flag HA PGC-1 alpha.

No alerts have been found for pAd-Track Flag HA PGC-1 alpha.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 6 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Galipeau M, et al. (2024) Commercially available PGC-1? antibodies vary greatly in specificity and sensitivity. microPublication biology, 2024.

Maniyadath B, et al. (2019) Loss of Hepatic Oscillatory Fed microRNAs Abrogates Refed Transition and Causes Liver Dysfunctions. Cell reports, 26(8), 2212.

Yu B, et al. (2018) PGC-1? Controls Skeletal Stem Cell Fate and Bone-Fat Balance in Osteoporosis and Skeletal Aging by Inducing TAZ. Cell stem cell, 23(2), 193.

Koh JH, et al. (2017) PPAR? Is Essential for Maintaining Normal Levels of PGC-1? and Mitochondria and for the Increase in Muscle Mitochondria Induced by Exercise. Cell metabolism, 25(5), 1176.

Peeters A, et al. (2011) Carbohydrate metabolism is perturbed in peroxisome-deficient hepatocytes due to mitochondrial dysfunction, AMP-activated protein kinase (AMPK) activation, and peroxisome proliferator-activated receptor ? coactivator 1? (PGC-1?) suppression. The Journal of biological chemistry, 286(49), 42162.

Diani-Moore S, et al. (2010) Identification of the aryl hydrocarbon receptor target gene TiPARP as a mediator of suppression of hepatic gluconeogenesis by 2,3,7,8-tetrachlorodibenzo-p-dioxin and of nicotinamide as a corrective agent for this effect. The Journal of biological chemistry, 285(50), 38801.