Resource Summary Report

Generated by NIF on Jul 30, 2026

pLKO-puro FLAG SREBP1

RRID:Addgene_32017
Type: Plasmid

Proper Citation

RRID:Addgene_32017

Plasmid Information

URL: http://www.addgene.org/32017

Proper Citation: RRID:Addgene_32017

Insert Name: SREBP1

Organism: Mus musculus

Bacterial Resistance: Ampicillin

Defining Citation: PMID:21816276

Vector Backbone Description: Backbone Size:7100; Vector Backbone:pLKO.1-puro; Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Plasmid Name: pLKO-puro FLAG SREBP1

Relevant Mutation: V225M

Record Creation Time: 20220422T222139+0000

Record Last Update: 20260725T074547+0000

Ratings and Alerts

No rating or validation information has been found for pLKO-puro FLAG SREBP1.

No alerts have been found for pLKO-puro FLAG SREBP1.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 15 mentions in open access literature.

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

Yamashita N, et al. (2023) MUC1-C integrates aerobic glycolysis with suppression of oxidative phosphorylation in triple-negative breast cancer stem cells. iScience, 26(11), 108168.

Bengoechea-Alonso MT, et al. (2022) Loss of the Fbw7 tumor suppressor rewires cholesterol metabolism in cancer cells leading to activation of the PI3K-AKT signalling axis. Frontiers in oncology, 12, 990672.

Aldaalis A, et al. (2022) The SREBP-dependent regulation of cyclin D1 coordinates cell proliferation and lipid synthesis. Frontiers in oncology, 12, 942386.

Li J, et al. (2022) SREBP1 regulates Lgals3 activation in response to cholesterol loading. Molecular therapy. Nucleic acids, 28, 892.

Bhattacharya A, et al. (2022) MUC1-C Dictates JUN and BAF-Mediated Chromatin Remodeling at Enhancer Signatures in Cancer Stem Cells. Molecular cancer research : MCR, 20(4), 556.

Lipchick BC, et al. (2021) The fatty acid elongase ELOVL6 regulates bortezomib resistance in multiple myeloma. Blood advances, 5(7), 1933.

Jang Y, et al. (2021) MED1 is a lipogenesis coactivator required for postnatal adipose expansion. Genes & development, 35(9-10), 713.

Gabitova-Cornell L, et al. (2020) Cholesterol Pathway Inhibition Induces TGF-?? Signaling to Promote Basal Differentiation in Pancreatic Cancer. Cancer cell, 38(4), 567.

Romani P, et al. (2019) Extracellular matrix mechanical cues regulate lipid metabolism through Lipin-1 and SREBP. Nature cell biology, 21(3), 338.

Sodi VL, et al. (2018) Nutrient sensor O-GlcNAc transferase controls cancer lipid metabolism via SREBP-1 regulation. Oncogene, 37(7), 924.

Zhang J, et al. (2018) High glucose induces the apoptosis of HUVECs in mitochondria dependent manner by enhancing VDAC1 expression. Die Pharmazie, 73(12), 725.

Zhang D, et al. (2017) Skin-specific regulation of SREBP processing and lipid biosynthesis by glycerol kinase 5. Proceedings of the National Academy of Sciences of the United States of America, 114(26), E5197.

Dey P, et al. (2017) Genomic deletion of malic enzyme 2 confers collateral lethality in pancreatic cancer. Nature, 542(7639), 119.

Tang ED, et al. (2015) Single amino acid change in STING leads to constitutive active signaling. PloS one, 10(3), e0120090.

Bonala S, et al. (2014) Myostatin induces insulin resistance via Casitas B-lineage lymphoma b (Cblb)-mediated degradation of insulin receptor substrate 1 (IRS1) protein in response to high calorie diet intake. The Journal of biological chemistry, 289(11), 7654.