Resource Summary Report

Generated by dkNET on Sep 5, 2026

pBabepuro-myc-ER

RRID:Addgene_19128
Type: Plasmid

Proper Citation

RRID:Addgene_19128

Plasmid Information

URL: http://www.addgene.org/19128

Proper Citation: RRID:Addgene_19128

Insert Name: c-myc

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: PMID:15367674

Vector Backbone Description: Backbone Size:5169; Vector Backbone:pBabepuro3:hbER tam; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Comments: Please see Littlewood et al., Nucleic Acids Res. 1995 May 25;23(10):1686-90 for more information regarding the mutant hormone binding domain of the mouse estrogen receptor (hbER Tam).

Plasmid Name: pBabepuro-myc-ER

Record Creation Time: 20220422T222044+0000

Record Last Update: 20260905T075333+0000

Ratings and Alerts

No rating or validation information has been found for pBabepuro-myc-ER.

No alerts have been found for pBabepuro-myc-ER.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 16 mentions in open access literature.

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

Choi J, et al. (2025) Recombinant Cell-Permeable Puromycin N-Acetyltransferase Confers Puromycin Resistance by Direct Protein Transduction. Journal of microbiology and biotechnology, 35, e2502049.

Metz EP, et al. (2022) Elevating SOX2 Downregulates MYC through a SOX2:MYC Signaling Axis and Induces a Slowly Cycling Proliferative State in Human Tumor Cells. Cancers, 14(8).

Akimov SS, et al. (2021) Immortalized striatal precursor neurons from Huntington's disease patient-derived iPS cells as a platform for target identification and screening for experimental therapeutics. Human molecular genetics, 30(24), 2469.

Scarpa M, et al. (2021) PP2A-activating Drugs Enhance FLT3 Inhibitor Efficacy through AKT Inhibition-Dependent GSK-3?-Mediated c-Myc and Pim-1 Proteasomal Degradation. Molecular cancer therapeutics, 20(4), 676.

Scarpa M, et al. (2021) Pim kinase inhibitor co-treatment decreases alternative non-homologous end-joining DNA repair and genomic instability induced by topoisomerase 2 inhibitors in cells with FLT3 internal tandem duplication. Oncotarget, 12(18), 1763.

Lankes K, et al. (2020) Targeting the ubiquitin-proteasome system in a pancreatic cancer subtype with hyperactive MYC. Molecular oncology, 14(12), 3048.

Chao HX, et al. (2019) Evidence that the human cell cycle is a series of uncoupled, memoryless phases. Molecular systems biology, 15(3), e8604.

Pulikkan JA, et al. (2018) CBF?-SMMHC Inhibition Triggers Apoptosis by Disrupting MYC Chromatin Dynamics in Acute Myeloid Leukemia. Cell, 174(1), 172.

Kurashima K, et al. (2018) Pol?, a Y-family translesion synthesis polymerase, promotes cellular tolerance of Myc-induced replication stress. Journal of cell science, 131(12).

Spehalski E, et al. (2017) MRE11 Promotes Tumorigenesis by Facilitating Resistance to Oncogene-Induced Replication Stress. Cancer research, 77(19), 5327.

Maina PK, et al. (2016) c-MYC drives histone demethylase PHF8 during neuroendocrine differentiation and in castration-resistant prostate cancer. Oncotarget, 7(46), 75585.

Muvarak N, et al. (2015) c-MYC Generates Repair Errors via Increased Transcription of Alternative-NHEJ Factors, LIG3 and PARP1, in Tyrosine Kinase-Activated Leukemias. Molecular cancer research : MCR, 13(4), 699.

Lu L, et al. (2015) Aurora kinase A mediates c-Myc's oncogenic effects in hepatocellular carcinoma. Molecular carcinogenesis, 54(11), 1467.

Akita H, et al. (2014) MYC activates stem-like cell potential in hepatocarcinoma by a p53-dependent mechanism. Cancer research, 74(20), 5903.

Han H, et al. (2013) A c-Myc-MicroRNA functional feedback loop affects hepatocarcinogenesis. Hepatology (Baltimore, Md.), 57(6), 2378.

Neri F, et al. (2012) Myc regulates the transcription of the PRC2 gene to control the expression of developmental genes in embryonic stem cells. Molecular and cellular biology, 32(4), 840.