

Resource Summary Report

Generated by [RRID](#) on Aug 22, 2026

pLNCX Myr His p110 KD

RRID:Addgene_10837

Type: Plasmid

Proper Citation

RRID:Addgene_10837

Plasmid Information

URL: <http://www.addgene.org/10837>

Proper Citation: RRID:Addgene_10837

Insert Name: p110 KD

Organism: Bos taurus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:10860837](#)

Vector Backbone Description: Backbone Marker:BD Biosciences; Backbone Size:6620; Vector Backbone:pLNCX; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Comments: A pair of overlapping oligomers were synthesized based on the c-src myristoylation signal peptide sequence. A Kozak sequence was engineered at the 5' of the c-src myristoylation signal sequence (MetGly-Ser-Ser-Lys-Ser-Lys-Pro-Lys-Asp-Pro-Ser-Gln-Arg-Arg-Arg-Arg-Ile-Arg-Thr). The fragment was ligated to the 5' end of bovine p110 sequence and cloned into a retroviral expression vector (pLNCX) by a three piece ligation reaction. A 6 histidine tag was incorporated on the 3' end of p110 by PCR. The kinase dead mutant has an additional BamHI site at D915S.

Plasmid Name: pLNCX Myr His p110 KD

Relevant Mutation: D915S. Kinase Dead.

Record Creation Time: 20220422T221525+0000

Record Last Update: 20260815T080119+0000

Ratings and Alerts

No rating or validation information has been found for pLNCX Myr His p110 KD.

No alerts have been found for pLNCX Myr His p110 KD.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Dine E, et al. (2021) Positive feedback between the T??cell kinase Zap70 and its substrate LAT acts as a clustering-dependent signaling switch. Cell reports, 35(12), 109280.

Geletu M, et al. (2015) Differential effects of polyoma virus middle tumor antigen mutants upon gap junctional, intercellular communication. Experimental cell research, 336(2), 223.