

Resource Summary Report

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

pLNCX Myr His p110

RRID:Addgene_10836

Type: Plasmid

Proper Citation

RRID:Addgene_10836

Plasmid Information

URL: <http://www.addgene.org/10836>

Proper Citation: RRID:Addgene_10836

Insert Name: p110

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-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.

Plasmid Name: pLNCX Myr His p110

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.

No alerts have been found for pLNCX Myr His p110.

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](#) .

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.

Sahni J, et al. (2008) TRPM7 ion channels are required for sustained phosphoinositide 3-kinase signaling in lymphocytes. *Cell metabolism*, 8(1), 84.