

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 10, 2026

pLKO.1P shISCU

RRID:Addgene_102972

Type: Plasmid

Proper Citation

RRID:Addgene_102972

Plasmid Information

URL: <http://www.addgene.org/102972>

Proper Citation: RRID:Addgene_102972

Insert Name: shISCU

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:29168506](#)

Vector Backbone Description: Backbone Marker:Broad Institute; Backbone Size:7466; Vector Backbone:pLKO_TRC005; Vector Types:Lentiviral, RNAi; Bacterial Resistance:Ampicillin

Comments: TRCN0000289988

Plasmid Name: pLKO.1P shISCU

Record Creation Time: 20220422T221458+0000

Record Last Update: 20260808T080320+0000

Ratings and Alerts

No rating or validation information has been found for pLKO.1P shISCU.

No alerts have been found for pLKO.1P shISCU.

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 [SPARC SAWG](#) .

Ward NP, et al. (2024) Mitochondrial respiratory function is preserved under cysteine starvation via glutathione catabolism in NSCLC. Nature communications, 15(1), 4244.

Ward NP, et al. (2020) Nicotinamide nucleotide transhydrogenase regulates mitochondrial metabolism in NSCLC through maintenance of Fe-S protein function. The Journal of experimental medicine, 217(6).