

Resource Summary Report

Generated by [dkNET](#) on Aug 26, 2026

pEGFP-N1-FNIP1

RRID:Addgene_49175

Type: Plasmid

Proper Citation

RRID:Addgene_49175

Plasmid Information

URL: <http://www.addgene.org/49175>

Proper Citation: RRID:Addgene_49175

Insert Name: Folliculin Interacting Protein 1

Organism: Mus musculus

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:24081491](#)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:4700; Vector Backbone:pEGFP-N1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: pEGFP-N1-FNIP1

Relevant Mutation: Stop codon deleted

Record Creation Time: 20220422T222253+0000

Record Last Update: 20260826T042309+0000

Ratings and Alerts

No rating or validation information has been found for pEGFP-N1-FNIP1.

No alerts have been found for pEGFP-N1-FNIP1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Xiao L, et al. (2024) AMPK phosphorylation of FNIP1 (S220) controls mitochondrial function and muscle fuel utilization during exercise. Science advances, 10(6), eadj2752.

Yin Y, et al. (2022) FNIP1 regulates adipocyte browning and systemic glucose homeostasis in mice by shaping intracellular calcium dynamics. The Journal of experimental medicine, 219(5).

Zhou Q, et al. (2017) Dihydromyricetin prevents obesity-induced slow-twitch-fiber reduction partially via FLCN/FNIP1/AMPK pathway. Biochimica et biophysica acta. Molecular basis of disease, 1863(6), 1282.