

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

pLC242-GFP-Sestrin2

RRID:Addgene_100519

Type: Plasmid

Proper Citation

RRID:Addgene_100519

Plasmid Information

URL: <http://www.addgene.org/100519>

Proper Citation: RRID:Addgene_100519

Insert Name: SESN2

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:29123071](#)

Vector Backbone Description: Vector Backbone:pLC242; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Plasmid Name: pLC242-GFP-Sestrin2

Record Creation Time: 20220422T221448+0000

Record Last Update: 20260912T091337+0000

Ratings and Alerts

No rating or validation information has been found for pLC242-GFP-Sestrin2.

No alerts have been found for pLC242-GFP-Sestrin2.

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 [NIF](#) .

De Leonibus C, et al. (2024) Sestrin2 drives ER-phagy in response to protein misfolding. Developmental cell, 59(16), 2035.

Kim H, et al. (2019) The interaction of Hemin and Sestrin2 modulates oxidative stress and colon tumor growth. Toxicology and applied pharmacology, 374, 77.