

Resource Summary Report

Generated by [RRID](#) on Aug 21, 2026

[sfGFP-ER-3](#)

RRID:Addgene_56482

Type: Plasmid

Proper Citation

RRID:Addgene_56482

Plasmid Information

URL: <http://www.addgene.org/56482>

Proper Citation: RRID:Addgene_56482

Insert Name: ER

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Vector Backbone Description: Backbone Size:4750; Vector Backbone:sfGFP; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: Calreticulin + KDEL. Excitation = 485; Emission = 507

Plasmid Name: sfGFP-ER-3

Relevant Mutation: ER Signal Peptide

Record Creation Time: 20220422T222329+0000

Record Last Update: 20260815T081659+0000

Ratings and Alerts

No rating or validation information has been found for sfGFP-ER-3.

No alerts have been found for sfGFP-ER-3.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Li R, et al. (2022) Inositol 1, 4, 5-trisphosphate receptor is required for spindle assembly in *Xenopus* oocytes. *Molecular biology of the cell*, 33(14), br27.

Combot Y, et al. (2022) Seipin localizes at endoplasmic-reticulum-mitochondria contact sites to control mitochondrial calcium import and metabolism in adipocytes. *Cell reports*, 38(2), 110213.

Montagna A, et al. (2020) In vivo Analysis of CRISPR/Cas9 Induced Atlastin Pathological Mutations in *Drosophila*. *Frontiers in neuroscience*, 14, 547746.

Salo VT, et al. (2019) Seipin Facilitates Triglyceride Flow to Lipid Droplet and Counteracts Droplet Ripening via Endoplasmic Reticulum Contact. *Developmental cell*, 50(4), 478.