

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

pCW57-CMV-ssRFP-GFP-KDEL

RRID:Addgene_128257

Type: Plasmid

Proper Citation

RRID:Addgene_128257

Plasmid Information

URL: <http://www.addgene.org/128257>

Proper Citation: RRID:Addgene_128257

Insert Name: ssRFPGFPKDEL

Organism: Other

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:31006538](#)

Vector Backbone Description: Backbone Size:7710; Vector Backbone:pCW57-CMV;
Vector Types:Mammalian Expression, Lentiviral; Bacterial Resistance:Ampicillin

Plasmid Name: pCW57-CMV-ssRFP-GFP-KDEL

Record Creation Time: 20220422T221713+0000

Record Last Update: 20260808T080720+0000

Ratings and Alerts

No rating or validation information has been found for pCW57-CMV-ssRFP-GFP-KDEL.

No alerts have been found for pCW57-CMV-ssRFP-GFP-KDEL.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Gatica D, et al. (2025) The ER-phagy receptor FAM134B is targeted by Salmonella Typhimurium to promote infection. Nature communications, 16(1), 2923.

Buonomo V, et al. (2025) Two FAM134B isoforms differentially regulate ER dynamics during myogenesis. The EMBO journal, 44(4), 1039.

Das D, et al. (2024) VPS4A is the selective receptor for lipophagy in mice and humans. Molecular cell, 84(22), 4436.

Zhang M, et al. (2024) USP20 deubiquitinates and stabilizes the reticulophagy receptor RETREG1/FAM134B to drive reticulophagy. Autophagy, 20(8), 1780.

Zhou X, et al. (2024) Integrated proteomics reveals autophagy landscape and an autophagy receptor controlling PKA-R1 complex homeostasis in neurons. Nature communications, 15(1), 3113.

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

Berkane R, et al. (2023) The function of ER-phagy receptors is regulated through phosphorylation-dependent ubiquitination pathways. Nature communications, 14(1), 8364.

Chen YH, et al. (2021) VPS34 K29/K48 branched ubiquitination governed by UBE3C and TRABID regulates autophagy, proteostasis and liver metabolism. Nature communications, 12(1), 1322.

Reggio A, et al. (2021) Role of FAM134 paralogues in endoplasmic reticulum remodeling, ER-phagy, and Collagen quality control. EMBO reports, 22(9), e52289.

Zielke S, et al. (2021) ATF4 links ER stress with reticulophagy in glioblastoma cells. Autophagy, 17(9), 2432.