

Resource Summary Report

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

[mEGFP-ER-5a](#)

RRID:Addgene_56455

Type: Plasmid

Proper Citation

RRID:Addgene_56455

Plasmid Information

URL: <http://www.addgene.org/56455>

Proper Citation: RRID:Addgene_56455

Insert Name: ER 5a

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

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

Comments: Calmodulin + KDEL. Excitation = 488; Emission = 507

Plasmid Name: mEGFP-ER-5a

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 mEGFP-ER-5a.

No alerts have been found for mEGFP-ER-5a.

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 [RRID](#) .

Allred CA, et al. (2023) Tumor-specific intracellular delivery: peptide-guided transport of a catalytic toxin. Communications biology, 6(1), 60.

Jackson J, et al. (2022) SGPL1 stimulates VPS39 recruitment to the mitochondria in MICU1 deficient cells. Molecular metabolism, 61, 101503.