

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

mEmerald-ER-5

RRID:Addgene_54083

Type: Plasmid

Proper Citation

RRID:Addgene_54083

Plasmid Information

URL: <http://www.addgene.org/54083>

Proper Citation: RRID:Addgene_54083

Insert Name: ER

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

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

Comments: . Excitation = 487; Emission = 509. Localization data: Endoplasmic Reticulum

Plasmid Name: mEmerald-ER-5

Relevant Mutation: ER Signal Peptide

Record Creation Time: 20220422T222316+0000

Record Last Update: 20260725T074836+0000

Ratings and Alerts

No rating or validation information has been found for mEmerald-ER-5.

No alerts have been found for mEmerald-ER-5.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Wong YC, et al. (2022) Mid51/Fis1 mitochondrial oligomerization complex drives lysosomal untethering and network dynamics. The Journal of cell biology, 221(10).