

Resource Summary Report

Generated by [dkNET](#) on Aug 3, 2026

mEmerald-Calreticulin-N-16

RRID:Addgene_54023

Type: Plasmid

Proper Citation

RRID:Addgene_54023

Plasmid Information

URL: <http://www.addgene.org/54023>

Proper Citation: RRID:Addgene_54023

Insert Name: Calreticulin

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Vector Backbone Description: Backbone Size:4750; Vector Backbone:mEmerald-N1;
Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

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

Plasmid Name: mEmerald-Calreticulin-N-16

Record Creation Time: 20220422T222316+0000

Record Last Update: 20260801T081452+0000

Ratings and Alerts

No rating or validation information has been found for mEmerald-Calreticulin-N-16.

No alerts have been found for mEmerald-Calreticulin-N-16.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Ribeiro SS, et al. (2023) Intracellular spatially-targeted chemical chaperones increase native state stability of mutant SOD1 barrel. *Biological chemistry*, 404(10), 909.

Sharma VK, et al. (2022) Doubly Stimulated Corrole for Organelle-Selective Antitumor Cytotoxicity. *Journal of medicinal chemistry*, 65(8), 6100.

Gerlach BD, et al. (2020) Resolvin D1 promotes the targeting and clearance of necroptotic cells. *Cell death and differentiation*, 27(2), 525.

Ho RX, et al. (2020) Loss of MINAR2 impairs motor function and causes Parkinson's disease-like symptoms in mice. *Brain communications*, 2(1), fcaa047.

Nair M, et al. (2018) Dexamethasone-Mediated Upregulation of Calreticulin Inhibits Primary Human Glioblastoma Dispersal Ex Vivo. *International journal of molecular sciences*, 19(2).

Zewe JP, et al. (2018) SAC1 degrades its lipid substrate PtdIns4P in the endoplasmic reticulum to maintain a steep chemical gradient with donor membranes. *eLife*, 7.

Qu Y, et al. (2018) Small molecule promotes β -catenin citrullination and inhibits Wnt signaling in cancer. *Nature chemical biology*, 14(1), 94.

Obakan-Yerlikaya P, et al. (2017) Calreticulin is a fine tuning molecule in epibrassinolide-induced apoptosis through activating endoplasmic reticulum stress in colon cancer cells. *Molecular carcinogenesis*, 56(6), 1603.