Resource Summary Report

Generated by NIF on Jul 31, 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: 20260725T074835+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 NIF .

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 ??-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.