Resource Summary Report

Generated by NIF on Sep 7, 2026

mPlum-Mito-3

RRID:Addgene_55988
Type: Plasmid

Proper Citation

RRID:Addgene_55988

Plasmid Information

URL: http://www.addgene.org/55988

Proper Citation: RRID:Addgene_55988

Insert Name: Mito

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: PMID:19771335

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

Comments: . Excitation = 590; Emission = 649

Plasmid Name: mPlum-Mito-3

Record Creation Time: 20220422T222327+0000

Record Last Update: 20260905T075822+0000

Ratings and Alerts

No rating or validation information has been found for mPlum-Mito-3.

No alerts have been found for mPlum-Mito-3.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Liang W, et al. (2023) Mitochondria are secreted in extracellular vesicles when lysosomal function is impaired. Nature communications, 14(1), 5031.

Liang W, et al. (2023) The Small GTPase Rab7 Regulates Release of Mitochondria in Extracellular Vesicles in Response to Lysosomal Dysfunction. bioRxiv : the preprint server for biology.

Wang Y, et al. (2018) Intracellular redistribution of neuronal peroxisomes in response to ACBD5 expression. PloS one, 13(12), e0209507.

Hammerling BC, et al. (2017) A Rab5 endosomal pathway mediates Parkin-dependent mitochondrial clearance. Nature communications, 8, 14050.

Ji WK, et al. (2017) Receptor-mediated Drp1 oligomerization on endoplasmic reticulum. The Journal of cell biology, 216(12), 4123.