

Resource Summary Report

Generated by [NIF](#) on Sep 18, 2026

mPlum-Lysosomes-20

RRID:Addgene_55982

Type: Plasmid

Proper Citation

RRID:Addgene_55982

Plasmid Information

URL: <http://www.addgene.org/55982>

Proper Citation: RRID:Addgene_55982

Insert Name: LAMP1

Organism: Rattus norvegicus

Bacterial Resistance: Kanamycin

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

Comments: . Excitation = 590; Emission = 649

Plasmid Name: mPlum-Lysosomes-20

Relevant Mutation: D50E

Record Creation Time: 20220422T222327+0000

Record Last Update: 20260912T092904+0000

Ratings and Alerts

No rating or validation information has been found for mPlum-Lysosomes-20.

No alerts have been found for mPlum-Lysosomes-20.

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](#) .

Yang S, et al. (2020) The Rag GTPase Regulates the Dynamic Behavior of TSC Downstream of Both Amino Acid and Growth Factor Restriction. Developmental cell, 55(3), 272.