

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

mCherry-FKBP-SAC1C389S

RRID:Addgene_108128

Type: Plasmid

Proper Citation

RRID:Addgene_108128

Plasmid Information

URL: <http://www.addgene.org/108128>

Proper Citation: RRID:Addgene_108128

Insert Name: mCherry:FKBP1A(3-108):[GGSA]4GG:SACM1LC389S

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:29461204](#)

Vector Backbone Description: Vector Backbone:pmCherry-C1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: Note: The Sac1 insert contains a Y434F mutation compared to the closest reference sequence (NP_054735.3). The depositor has noted that this is a common point mutation that does not affect plasmid function.

Plasmid Name: mCherry-FKBP-SAC1C389S

Relevant Mutation: SACM1L(C389S)

Record Creation Time: 20220422T221524+0000

Record Last Update: 20260808T080405+0000

Ratings and Alerts

No rating or validation information has been found for mCherry-FKBP-SAC1C389S.

No alerts have been found for mCherry-FKBP-SAC1C389S.

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 [SPARC SAWG](#) .

Zhou X, et al. (2025) Control of Golgi- V-ATPase through Sac1-dependent co-regulation of PI(4)P and cholesterol. Nature communications, 16(1), 7808.