

Resource Summary Report

Generated by [RRID](#) on Aug 17, 2026

pENTR1a-mCherry-STIM1

RRID:Addgene_114176

Type: Plasmid

Proper Citation

RRID:Addgene_114176

Plasmid Information

URL: <http://www.addgene.org/114176>

Proper Citation: RRID:Addgene_114176

Insert Name: STIM1

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:29176619](#)

Vector Backbone Description: Backbone Marker:Invitrogen/Thermo; Backbone Size:2717; Vector Backbone:pENTR1a; Vector Types:Gateway Cloning; Bacterial Resistance:Kanamycin

Plasmid Name: pENTR1a-mCherry-STIM1

Record Creation Time: 20220422T221558+0000

Record Last Update: 20260815T080220+0000

Ratings and Alerts

No rating or validation information has been found for pENTR1a-mCherry-STIM1.

No alerts have been found for pENTR1a-mCherry-STIM1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Dai N, et al. (2026) Localized phosphoinositide metabolism regulates STIM1/ORAI1 fast inactivation. *iScience*, 29(5), 115543.

Cantonero C, et al. (2021) TMEM97 facilitates the activation of SOCE by downregulating the association of cholesterol to Orai1 in MDA-MB-231 cells. *Biochimica et biophysica acta. Molecular and cell biology of lipids*, 1866(6), 158906.

Cantonero C, et al. (2020) Arachidonic Acid Attenuates Cell Proliferation, Migration and Viability by a Mechanism Independent on Calcium Entry. *International journal of molecular sciences*, 21(9).