

Resource Summary Report

Generated by [RRID](#) on Aug 31, 2026

TRPC1-FLAG

RRID:Addgene_24408

Type: Plasmid

Proper Citation

RRID:Addgene_24408

Plasmid Information

URL: <http://www.addgene.org/24408>

Proper Citation: RRID:Addgene_24408

Insert Name: TRPC1

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:9215637](#)

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5428; Vector Backbone:pcDNA3.1; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: TRPC1-FLAG

Record Creation Time: 20220422T222109+0000

Record Last Update: 20260829T080231+0000

Ratings and Alerts

No rating or validation information has been found for TRPC1-FLAG.

No alerts have been found for TRPC1-FLAG.

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 [RRID](#) .

Sanchez-Collado J, et al. (2022) Orai1?, but not Orai1?, co-localizes with TRPC1 and is required for its plasma membrane location and activation in HeLa cells. Cellular and molecular life sciences : CMLS, 79(1), 33.

Dyrda A, et al. (2020) STIM1 long and STIM1 gate differently TRPC1 during store-operated calcium entry. Cell calcium, 86, 102134.

Zhang LY, et al. (2020) TRPC1 inhibits the proliferation and migration of estrogen receptor-positive Breast cancer and gives a better prognosis by inhibiting the PI3K/AKT pathway. Breast cancer research and treatment, 182(1), 21.

Azimi I, et al. (2017) TRPC1 is a differential regulator of hypoxia-mediated events and Akt signalling in PTEN-deficient breast cancer cells. Journal of cell science, 130(14), 2292.

Zhang P, et al. (2014) Nitric oxide and protein kinase G act on TRPC1 to inhibit 11,12-EET-induced vascular relaxation. Cardiovascular research, 104(1), 138.