

Resource Summary Report

Generated by [NIF](#) on Aug 19, 2026

pCGN-Oct-1

RRID:Addgene_53308

Type: Plasmid

Proper Citation

RRID:Addgene_53308

Plasmid Information

URL: <http://www.addgene.org/53308>

Proper Citation: RRID:Addgene_53308

Insert Name: Oct-1

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:2302733](#)

Vector Backbone Description: Backbone Size:5063; Vector Backbone:pCGN; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pCGN-Oct-1

Record Creation Time: 20220422T222312+0000

Record Last Update: 20260815T081629+0000

Ratings and Alerts

No rating or validation information has been found for pCGN-Oct-1.

No alerts have been found for pCGN-Oct-1.

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 [NIF](#) .

Närvä E, et al. (2022) MASTL is enriched in cancerous and pluripotent stem cells and influences OCT1/OCT4 levels. iScience, 25(6), 104459.

Marks CR, et al. (2018) Activated CaMKII γ Binds to the mGlu5 Metabotropic Glutamate Receptor and Modulates Calcium Mobilization. Molecular pharmacology, 94(6), 1352.

Wang X, et al. (2017) A novel mechanism for Ca²⁺/calmodulin-dependent protein kinase II targeting to L-type Ca²⁺ channels that initiates long-range signaling to the nucleus. The Journal of biological chemistry, 292(42), 17324.