Resource Summary Report

Generated by NIF on Jul 30, 2026

pcDNA3.1 Orai3

RRID:Addgene_16370
Type: Plasmid

Proper Citation

RRID:Addgene_16370

Plasmid Information

URL: http://www.addgene.org/16370

Proper Citation: RRID:Addgene_16370

Insert Name: Orai3

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: PMID:17293345

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5400; Vector Backbone:pcDNA3.1/myc-his; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pcDNA3.1 Orai3

Record Creation Time: 20220422T221926+0000

Record Last Update: 20260725T074148+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3.1 Orai3.

No alerts have been found for pcDNA3.1 Orai3.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Raju S, et al. (2025) NFATc1 drives Orai3 transcription and proteolysis by harnessing epigenome differences in the MARCH8 promoter. The EMBO journal, 44(21), 6137.

Grandcl??ment C, et al. (2016) NK Cells Respond to Haptens by the Activation of Calcium Permeable Plasma Membrane Channels. PloS one, 11(3), e0151031.

Tsujikawa H, et al. (2015) Identification of key amino acid residues responsible for internal and external pH sensitivity of Orai1/STIM1 channels. Scientific reports, 5, 16747.

Varadarajan S, et al. (2013) Endoplasmic reticulum membrane reorganization is regulated by ionic homeostasis. PloS one, 8(2), e56603.