Resource Summary Report

Generated by nidm-terms on Aug 9, 2026

pcDNA3-sACE2-WT(732)-8h

RRID:Addgene_154101
Type: Plasmid

Proper Citation

RRID:Addgene_154101

Plasmid Information

URL: http://www.addgene.org/154101

Proper Citation: RRID:Addgene_154101

Insert Name: Angiotensin-converting enzyme 2

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: PMID:32753553

Vector Backbone Description: Backbone Marker:Invitrogen; Backbone Size:5332; Vector Backbone:pcDNA3.1(+); Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Please visit https://www.biorxiv.org/content/10.1101/2020.03.16.994236v1 for BioRxiv preprint.

Plasmid Name: pcDNA3-sACE2-WT(732)-8h

Relevant Mutation: Extracellular, soluble protease and neck domains (a.a. M1-G732)

Record Creation Time: 20220422T221844+0000

Record Last Update: 20260808T081011+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3-sACE2-WT(732)-8h.

No alerts have been found for pcDNA3-sACE2-WT(732)-8h.

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 nidm-terms .

Li M, et al. (2024) Bispecific antibodies provide broad neutralization of emerging beta-coronaviruses by targeting ACE2 and viral spikes. Emerging microbes & infections, 13(1), 2404166.

Chen C, et al. (2023) hACE2-Induced Allosteric Activation in SARS-CoV versus SARS-CoV-2 Spike Assemblies Revealed by Structural Dynamics. ACS infectious diseases, 9(6), 1180.

Kayabolen A, et al. (2022) Protein Scaffold-Based Multimerization of Soluble ACE2 Efficiently Blocks SARS-CoV-2 Infection In Vitro and In Vivo. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 9(27), e2201294.