

# Resource Summary Report

Generated by [RRID](#) on Aug 26, 2026

## pcDNA3-sACE2v5-Fc(IgG1)

RRID:Addgene\_145168

Type: Plasmid

### Proper Citation

RRID:Addgene\_145168

### Plasmid Information

**URL:** <http://www.addgene.org/145168>

**Proper Citation:** RRID:Addgene\_145168

**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-sACE2v5-Fc(IgG1)

**Relevant Mutation:** Extracellular, soluble protease domain (a.a. M1-D615) with mutations A25V, T92Q, A386L

**Record Creation Time:** 20220422T221818+0000

**Record Last Update:** 20260815T080654+0000

### Ratings and Alerts

No rating or validation information has been found for pcDNA3-sACE2v5-Fc(IgG1).

No alerts have been found for pcDNA3-sACE2v5-Fc(IgG1).

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## Data and Source Information

**Source:** [Addgene](#)

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## Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Procko E, et al. (2020) The sequence of human ACE2 is suboptimal for binding the S spike protein of SARS coronavirus 2. bioRxiv : the preprint server for biology.