

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 6, 2026

pcDNA3-Rs4084-RBD-8h

RRID:Addgene_161825

Type: Plasmid

Proper Citation

RRID:Addgene_161825

Plasmid Information

URL: <http://www.addgene.org/161825>

Proper Citation: RRID:Addgene_161825

Insert Name: Receptor-binding domain (RBD) of spike protein S

Organism: Rs4084 bat coronavirus

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:33597251](#)

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

Plasmid Name: pcDNA3-Rs4084-RBD-8h

Relevant Mutation: Human codon optimized RBD (a.a. T321-D519)

Record Creation Time: 20220422T221916+0000

Record Last Update: 20260905T075052+0000

Ratings and Alerts

No rating or validation information has been found for pcDNA3-Rs4084-RBD-8h.

No alerts have been found for pcDNA3-Rs4084-RBD-8h.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Lee CY, et al. (2025) A combinatorial and computational Tandem approach towards a universal therapeutics against ACE2-mediated coronavirus infections. iScience, 28(6), 112687.