Resource Summary Report

Generated by dkNET on Aug 22, 2026

p?H-S-GSAS-OMICRON.BA.2

RRID:Addgene_184829
Type: Plasmid

Proper Citation

RRID:Addgene_184829

Plasmid Information

URL: http://www.addgene.org/184829

Proper Citation: RRID:Addgene_184829

Insert Name: S-GSAS-OMICRON.BA.2

Organism: Severe acute respiratory syndrome coronavirus 2

Bacterial Resistance: Ampicillin

Defining Citation: PMID:35732171

Vector Backbone Description: Backbone Size:4745; Vector Backbone:p?H; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Please visit https://www.biorxiv.org/content/10.1101/2022.04.07.487528v2 for bioRxiv preprint.

Plasmid Name: p?H-S-GSAS-OMICRON.BA.2

Relevant Mutation: Ectodomain (AAs 1-1208); 682-685 (furin site = RRAR) replaced with GSAS; T19I, del 24-26, A27S, G142D,V213G, G339D, S371F, S373P, S375F, T376A, D405N, R408S, K417N, N440K, S477N, T478K, E484A, Q493R, Q498R, N501Y, Y505H, D614G, H655Y, N679K,P681H, N764K, D796Y, Q954H, N969K

Record Creation Time: 20220610T080226+0000

Record Last Update: 20260815T082306+0000

Ratings and Alerts

No rating or validation information has been found for p?H-S-GSAS-OMICRON.BA.2.

No alerts have been found for p?H-S-GSAS-OMICRON.BA.2.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Chen C, et al. (2025) Interprotomer crosstalk in mosaic viral glycoprotein trimers provides insight into polyvalent immunogen co-assembly. PLoS pathogens, 21(9), e1013143.

Stalls V, et al. (2022) Cryo-EM structures of SARS-CoV-2 Omicron BA.2 spike. Cell reports, 39(13), 111009.