

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

p3s-Cas9-HN

RRID:Addgene_104171

Type: Plasmid

Proper Citation

RRID:Addgene_104171

Plasmid Information

URL: <http://www.addgene.org/104171>

Proper Citation: RRID:Addgene_104171

Insert Name: Cas9-WT

Organism: Other

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:29141659](#)

Vector Backbone Description: Vector Backbone:p3s; Vector Types:Mammalian Expression, CRISPR; Bacterial Resistance:Ampicillin

Plasmid Name: p3s-Cas9-HN

Relevant Mutation: WT

Record Creation Time: 20220422T221505+0000

Record Last Update: 20260725T073405+0000

Ratings and Alerts

No rating or validation information has been found for p3s-Cas9-HN.

No alerts have been found for p3s-Cas9-HN.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Jeong D, et al. (2025) Tumor-promoting UBR4 coordinates impaired mitophagy-associated senescence and lung adenocarcinoma pathogenesis. *Proceedings of the National Academy of Sciences of the United States of America*, 122(25), e2425015122.

Lee S, et al. (2025) Combining Multiplexed CRISPR/Cas9-Nickase and PARP Inhibitors Efficiently and Precisely Targets Cancer Cells. *Cancer research*, 85(15), 2890.

Park JC, et al. (2024) Enhancing genome editing in hPSCs through dual inhibition of DNA damage response and repair pathways. *Nature communications*, 15(1), 4002.

Park JC, et al. (2022) High expression of uracil DNA glycosylase determines C to T substitution in human pluripotent stem cells. *Molecular therapy. Nucleic acids*, 27, 175.

Hong SA, et al. (2022) In vivo gene editing via homology-independent targeted integration for adrenoleukodystrophy treatment. *Molecular therapy : the journal of the American Society of Gene Therapy*, 30(1), 119.

Song B, et al. (2021) In vivo genome editing in single mammalian brain neurons through CRISPR-Cas9 and cytosine base editors. *Computational and structural biotechnology journal*, 19, 2477.

Yu J, et al. (2020) Purification of an Intact Human Protein Overexpressed from Its Endogenous Locus via Direct Genome Engineering. *ACS synthetic biology*, 9(7), 1591.