Resource Summary Report

Generated by dkNET on Aug 19, 2026

Puro-Cas9 donor

RRID:Addgene_58409
Type: Plasmid

Proper Citation

RRID:Addgene_58409

Plasmid Information

URL: http://www.addgene.org/58409

Proper Citation: RRID:Addgene_58409

Insert Name: hSpCas9

Organism: Streptococcus pyogenes

Bacterial Resistance: Ampicillin

Defining Citation: PMID:24931489

Vector Backbone Description: Vector Backbone:N/A; Vector Types:Mammalian Expression, CRISPR; Bacterial Resistance:Ampicillin

Plasmid Name: Puro-Cas9 donor

Record Creation Time: 20220422T222338+0000

Record Last Update: 20260815T081716+0000

Ratings and Alerts

No rating or validation information has been found for Puro-Cas9 donor.

No alerts have been found for Puro-Cas9 donor.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 18 mentions in open access literature.

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

Pulecio J, et al. (2026) Functional chromatin signatures premark future lineage-specific enhancers. Cell genomics, 6(5), 101189.

Neve B, et al. (2026) Long non-coding RNA UCA1 modulates SMARCA2-containing SWI/SNF chromatin remodeling complexes in human colorectal cancer. iScience, 29(1), 114283.

Viushkov VS, et al. (2024) A Comparison of Two Versions of the CRISPR-Sirius System for the Live-Cell Visualization of the Borders of Topologically Associating Domains. Cells, 13(17).

Pulecio J, et al. (2023) Discovery of Competent Chromatin Regions in Human Embryonic Stem Cells. bioRxiv : the preprint server for biology.

Tidball AM, et al. (2023) Genome-wide CRISPRi Screen in Human iNeurons to Identify Novel Focal Cortical Dysplasia Genes. bioRxiv : the preprint server for biology.

Jurlina SL, et al. (2022) A Tet-Inducible CRISPR Platform for High-Fidelity Editing of Human Pluripotent Stem Cells. Genes, 13(12).

Zheng D, et al. (2022) Engineering of human mesenchymal stem cells resistant to multiple natural killer subtypes. International journal of biological sciences, 18(1), 426.

He Z, et al. (2022) Generation of a human extended pluripotent stem cell line (SKLRMe002-A) carrying a doxycycline-inducible Cas9 expression cassette. Stem cell research, 62, 102816.

Parent AV, et al. (2021) Selective deletion of human leukocyte antigens protects stem cell-derived islets from immune rejection. Cell reports, 36(7), 109538.

Benito-Kwiecinski S, et al. (2021) An early cell shape transition drives evolutionary expansion of the human forebrain. Cell, 184(8), 2084.

Russell R, et al. (2020) Loss of the transcription factor MAFB limits ?-cell derivation from human PSCs. Nature communications, 11(1), 2742.

Ustyantseva EI, et al. (2019) A Platform for Studying Neurodegeneration Mechanisms Using Genetically Encoded Biosensors. Biochemistry. Biokhimiia, 84(3), 299.

Wang X, et al. (2019) Tau interactome analyses in CRISPR-Cas9 engineered neuronal cells reveal ATPase-dependent binding of wild-type but not P301L Tau to non-muscle myosins. Scientific reports, 9(1), 16238.

Wu M, et al. (2018) Conditional gene knockout and reconstitution in human iPSCs with an inducible Cas9 system. Stem cell research, 29, 6.

Ferreccio A, et al. (2018) Inducible CRISPR genome editing platform in naive human embryonic stem cells reveals JARID2 function in self-renewal. Cell cycle (Georgetown,

Tex.), 17(5), 535.

Castaño J, et al. (2017) Generation and characterization of a human iPSC cell line expressing inducible Cas9 in the "safe harbor" AAVS1 locus. Stem cell research, 21, 137.

Chang R, et al. (2017) Nanoporous Immunoprotective Device for Stem-Cell-Derived ?-Cell Replacement Therapy. ACS nano, 11(8), 7747.

Faleo G, et al. (2017) Mitigating Ischemic Injury of Stem Cell-Derived Insulin-Producing Cells after Transplant. Stem cell reports, 9(3), 807.