

Resource Summary Report

Generated by [RRID](#) on Aug 20, 2026

MSP1673

RRID:Addgene_65769

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/65769>

Proper Citation: RRID:Addgene_65769

Insert Name: mammalian codon-optimized Streptococcus thermophilus1 Cas9-NLS, and St1Cas9 gRNA

Organism: Other

Bacterial Resistance: Chloramphenicol

Defining Citation: [PMID:26098369](#)

Vector Backbone Description: Backbone Marker:EMD Millipore; Vector Backbone:pACYCDuet-1; Vector Types:Bacterial Expression, CRISPR; Bacterial Resistance:Chloramphenicol

Comments: Use BspMI sites to insert sgRNA spacer sequence into the vector.

Plasmid Name: MSP1673

Record Creation Time: 20220422T222414+0000

Record Last Update: 20260815T081821+0000

Ratings and Alerts

No rating or validation information has been found for MSP1673.

No alerts have been found for MSP1673.

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 [RRID](#) .

Chen Q, et al. (2025) Engineered AcrIIA5 for optogenetic control of CRISPR-Cas9-based genome editing. *mLife*, 4(6), 697.

Sung LY, et al. (2019) Combining orthogonal CRISPR and CRISPRi systems for genome engineering and metabolic pathway modulation in *Escherichia coli*. *Biotechnology and bioengineering*, 116(5), 1066.