# Resource Summary Report

Generated by NIF on Jul 30, 2026

## pCAGEN-SBP-DICER1

RRID:Addgene_50558
Type: Plasmid

### Proper Citation

RRID:Addgene_50558

### Plasmid Information

**URL:** http://www.addgene.org/50558

**Proper Citation:** RRID:Addgene_50558

**Insert Name:** Dicer1

**Organism:** Mus musculus

**Bacterial Resistance:** Ampicillin

**Defining Citation:** PMID:22106413

**Vector Backbone Description:** Backbone Marker:Connie Cepko, Addgene plasmid 11160 ; Backbone Size:4798; Vector Backbone:pCAGEN; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

**Comments:** In-Fusion?? HD Cloning from Clontech used for inserting Dicer1-SBP into EcoRI cut pCAGEN.

**Plasmid Name:** pCAGEN-SBP-DICER1

**Record Creation Time:** 20220422T222259+0000

**Record Last Update:** 20260725T074806+0000

### Ratings and Alerts

No rating or validation information has been found for pCAGEN-SBP-DICER1.

No alerts have been found for pCAGEN-SBP-DICER1.

### Data and Source Information

**Source:** Addgene

## Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Liang X, et al. (2023) Maternal sevoflurane exposure increases the epilepsy susceptibility of adolescent offspring by interrupting interneuron development. BMC medicine, 21(1), 510.

Jiang M, et al. (2021) Maternal sevoflurane exposure induces temporary defects in interkinetic nuclear migration of radial glial progenitors in the fetal cerebral cortex through the Notch signalling pathway. Cell proliferation, 54(6), e13042.

Wang Q, et al. (2018) JNK-mediated microglial DICER degradation potentiates inflammatory responses to induce dopaminergic neuron loss. Journal of neuroinflammation, 15(1), 184.