

Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 31, 2026

pRP_ASC-LmCerulean

RRID:Addgene_41840

Type: Plasmid

Proper Citation

RRID:Addgene_41840

Plasmid Information

URL: <http://www.addgene.org/41840>

Proper Citation: RRID:Addgene_41840

Insert Name: apoptosis-associated speck-like protein containing CARD

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:23852599](#)

Vector Backbone Description: Backbone Size:7332; Vector

Backbone:pRP_LmCerulean; Vector Types:Mammalian Expression, Retroviral; Bacterial Resistance:Ampicillin

Plasmid Name: pRP_ASC-LmCerulean

Relevant Mutation: Stop Codon removed

Record Creation Time: 20220422T222216+0000

Record Last Update: 20260725T074655+0000

Ratings and Alerts

No rating or validation information has been found for pRP_ASC-LmCerulean.

No alerts have been found for pRP_ASC-LmCerulean.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Arr?? V, et al. (2025) Inorganic Polyphosphate Triggers NLRP3 Inflammasome and Promotes the Epithelial-to-Mesenchymal Transition and Migration of Colorectal Cancer Cells Through TRPM8 Receptor. International journal of molecular sciences, 26(16).

Zhou W, et al. (2023) Targeting the mevalonate pathway suppresses ARID1A-inactivated cancers by promoting pyroptosis. Cancer cell, 41(4), 740.

Matsui Y, et al. (2022) Nanaomycin E inhibits NLRP3 inflammasome activation by preventing mitochondrial dysfunction. International immunology, 34(10), 505.

Martin NP, et al. (2022) Imaging Inflammasome Activation in Microglia. Current protocols, 2(10), e578.

Childers GM, et al. (2021) Assessing the Association of Mitochondrial Function and Inflammasome Activation in Murine Macrophages Exposed to Select Mitotoxic Tri-Organotin Compounds. Environmental health perspectives, 129(4), 47015.

Bowen C, et al. (2020) Mitochondrial-related effects of pentabromophenol, tetrabromobisphenol A, and triphenyl phosphate on murine BV-2 microglia cells. Chemosphere, 255, 126919.