Resource Summary Report

Generated by kravitz2 on Aug 27, 2026

pCI-ASC-HA

RRID:Addgene_41553
Type: Plasmid

Proper Citation

RRID:Addgene_41553

Plasmid Information

URL: http://www.addgene.org/41553

Proper Citation: RRID:Addgene_41553

Insert Name: ASC

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: PMID:19158675

Vector Backbone Description: Backbone Marker:Promega; Backbone Size:4006; Vector Backbone:pCI; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pCI-ASC-HA

Record Creation Time: 20220422T222215+0000

Record Last Update: 20260815T081446+0000

Ratings and Alerts

No rating or validation information has been found for pCI-ASC-HA.

No alerts have been found for pCI-ASC-HA.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 9 mentions in open access literature.

Listed below are recent publications. The full list is available at kravitz2 .

Gravastrand CS, et al. (2026) GTPase Rab11b and effector Rab11-FIP2 promote NLRP3 stability during inflammasome priming. The EMBO journal, 45(9), 2991.

Asare Y, et al. (2025) A cis-regulatory element controls expression of histone deacetylase 9 to fine-tune inflammasome-dependent chronic inflammation in atherosclerosis. Immunity, 58(3), 555.

Zhang L, et al. (2021) Peli1 facilitates NLRP3 inflammasome activation by mediating ASC ubiquitination. Cell reports, 37(4), 109904.

Hooftman A, et al. (2020) The Immunomodulatory Metabolite Itaconate Modifies NLRP3 and Inhibits Inflammasome Activation. Cell metabolism, 32(3), 468.

Mehto S, et al. (2019) The Crohn's Disease Risk Factor IRGM Limits NLRP3 Inflammasome Activation by Impeding Its Assembly and by Mediating Its Selective Autophagy. Molecular cell, 73(3), 429.

Hughes MM, et al. (2019) Glutathione Transferase Omega-1 Regulates NLRP3 Inflammasome Activation through NEK7 Deglutathionylation. Cell reports, 29(1), 151.

Carty M, et al. (2019) Cell Survival and Cytokine Release after Inflammasome Activation Is Regulated by the Toll-IL-1R Protein SARM. Immunity, 50(6), 1412.

Guo W, et al. (2017) Tyrosine phosphatase SHP2 negatively regulates NLRP3 inflammasome activation via ANT1-dependent mitochondrial homeostasis. Nature communications, 8(1), 2168.

Chavarr??a-Smith J, et al. (2016) Functional and Evolutionary Analyses Identify Proteolysis as a General Mechanism for NLRP1 Inflammasome Activation. PLoS pathogens, 12(12), e1006052.