

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 9, 2026

IKK-2 S177E S181E

RRID:Addgene_11105

Type: Plasmid

Proper Citation

RRID:Addgene_11105

Plasmid Information

URL: <http://www.addgene.org/11105>

Proper Citation: RRID:Addgene_11105

Insert Name: IKK-2

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:9346484](#)

Vector Backbone Description: Backbone Size:4700; Vector Backbone:pCMV2; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: IKK-2 S177E S181E

Relevant Mutation: S177E and S181E, constitutively active

Record Creation Time: 20220422T221540+0000

Record Last Update: 20260808T080435+0000

Ratings and Alerts

No rating or validation information has been found for IKK-2 S177E S181E.

No alerts have been found for IKK-2 S177E S181E.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 33 mentions in open access literature.

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

Lee BWL, et al. (2024) METTL8 links mt-tRNA m3C modification to the HIF1 α /RTK/Akt axis to sustain GBM stemness and tumorigenicity. *Cell death & disease*, 15(5), 338.

Griffiths CD, et al. (2024) Three Modes of Viral Adaption by the Heart. *bioRxiv* : the preprint server for biology.

Harada M, et al. (2024) Sustained activation of NF- κ B through constitutively active IKK γ leads to senescence bypass in murine dermal fibroblasts. *Cell cycle (Georgetown, Tex.)*, 23(3), 308.

Jeon HM, et al. (2023) Tissue factor is a critical regulator of radiation therapy-induced glioblastoma remodeling. *Cancer cell*, 41(8), 1480.

Wang W, et al. (2022) IKK γ Alleviates Neuron Injury in Alzheimer's Disease via Regulating Autophagy and RIPK1-Mediated Necroptosis. *Molecular neurobiology*, 59(4), 2407.

Mantsounga CS, et al. (2022) Macrophage IL-1 β promotes arteriogenesis by autocrine STAT3- and NF- κ B-mediated transcription of pro-angiogenic VEGF-A. *Cell reports*, 38(5), 110309.

Kang JW, et al. (2020) Myeloid Cell Expression of LACC1 Is Required for Bacterial Clearance and Control of Intestinal Inflammation. *Gastroenterology*, 159(3), 1051.

Enguita M, et al. (2019) The cirrhotic liver is depleted of docosahexaenoic acid (DHA), a key modulator of NF- κ B and TGF β pathways in hepatic stellate cells. *Cell death & disease*, 10(1), 14.

Gruber JJ, et al. (2019) Chromatin Remodeling in Response to BRCA2-Crisis. *Cell reports*, 28(8), 2182.

Herb M, et al. (2019) Highly Efficient Transfection of Primary Macrophages with In Vitro Transcribed mRNA. *Journal of visualized experiments : JoVE*(153).

Rodrigues P, et al. (2018) NF- κ B-Dependent Lymphoid Enhancer Co-option Promotes Renal Carcinoma Metastasis. *Cancer discovery*, 8(7), 850.

Al-Huseini I, et al. (2018) Deletion of I κ B-Kinase γ in Smooth Muscle Cells Induces Vascular Calcification Through β -Catenin-Runt-Related Transcription Factor 2 Signaling. *Journal of the American Heart Association*, 7(1).

Marwarha G, et al. (2018) Palmitate-induced C/EBP homologous protein activation leads to NF- κ B-mediated increase in BACE1 activity and amyloid beta genesis. *Journal of neurochemistry*, 144(6), 761.

You JS, et al. (2018) A DGK β -FoxO-ubiquitin proteolytic axis controls fiber size during skeletal muscle remodeling. *Science signaling*, 11(530).

Jin YR, et al. (2017) Inhibition of osteoclast differentiation and collagen antibody-induced arthritis by CTHRC1. *Bone*, 97, 153.

Fusella F, et al. (2017) The IKK/NF- κ B signaling pathway requires Morgana to drive breast cancer metastasis. *Nature communications*, 8(1), 1636.

Averett C, et al. (2016) Honokiol suppresses pancreatic tumor growth, metastasis and desmoplasia by interfering with tumor-stromal cross-talk. *Carcinogenesis*, 37(11), 1052.

Hedl M, et al. (2016) IRF5 and IRF5 Disease-Risk Variants Increase Glycolysis and Human M1 Macrophage Polarization by Regulating Proximal Signaling and Akt2 Activation. *Cell reports*, 16(9), 2442.

Ogura Y, et al. (2015) TAK1 modulates satellite stem cell homeostasis and skeletal muscle repair. *Nature communications*, 6, 10123.

Miyata M, et al. (2015) Glucocorticoids suppress inflammation via the upregulation of negative regulator IRAK-M. *Nature communications*, 6, 6062.