

Resource Summary Report

Generated by [kravitz2](#) on Aug 25, 2026

pCDNA3 Flag MKK7B2Jnk1a1

RRID:Addgene_19726

Type: Plasmid

Proper Citation

RRID:Addgene_19726

Plasmid Information

URL: <http://www.addgene.org/19726>

Proper Citation: RRID:Addgene_19726

Insert Name: MKK7B2Jnk1a1

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:12052897](#)

Vector Backbone Description: Backbone Marker:invitrogen; Backbone Size:5446; Vector Backbone:pcDNA3; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: pCDNA3 Flag MKK7B2Jnk1a1

Record Creation Time: 20220422T222047+0000

Record Last Update: 20260815T081148+0000

Ratings and Alerts

No rating or validation information has been found for pCDNA3 Flag MKK7B2Jnk1a1.

No alerts have been found for pCDNA3 Flag MKK7B2Jnk1a1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 27 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Okada M, et al. (2022) JNK1-Dependent Phosphorylation of GAP-43 Serine 142 is a Novel Molecular Marker for Axonal Growth. *Neurochemical research*, 47(9), 2668.

Yang J, et al. (2021) PGE2-JNK signaling axis non-canonically promotes Gli activation by protecting Gli2 from ubiquitin-proteasomal degradation. *Cell death & disease*, 12(7), 707.

Nordgaard C, et al. (2021) Regulation of the Golgi Apparatus by p38 and JNK Kinases during Cellular Stress Responses. *International journal of molecular sciences*, 22(17).

Chen CA, et al. (2020) Tob2 phosphorylation regulates global mRNA turnover to reshape transcriptome and impact cell proliferation. *RNA (New York, N.Y.)*, 26(9), 1143.

Pein M, et al. (2020) Metastasis-initiating cells induce and exploit a fibroblast niche to fuel malignant colonization of the lungs. *Nature communications*, 11(1), 1494.

Kim JH, et al. (2020) JNK suppresses melanogenesis by interfering with CREB-regulated transcription coactivator 3-dependent MITF expression. *Theranostics*, 10(9), 4017.

Simula L, et al. (2020) JNK1 and ERK1/2 modulate lymphocyte homeostasis via BIM and DRP1 upon AICD induction. *Cell death and differentiation*, 27(10), 2749.

Scott AJ, et al. (2018) AIF promotes a JNK1-mediated cadherin switch independently of respiratory chain stabilization. *The Journal of biological chemistry*, 293(38), 14707.

Insua-Rodríguez J, et al. (2018) Stress signaling in breast cancer cells induces matrix components that promote chemoresistant metastasis. *EMBO molecular medicine*, 10(10).

Walker NM, et al. (2018) c-Jun N-terminal kinase (JNK)-mediated induction of mSin1 expression and mTORC2 activation in mesenchymal cells during fibrosis. *The Journal of biological chemistry*, 293(44), 17229.

Lessard SJ, et al. (2018) JNK regulates muscle remodeling via myostatin/SMAD inhibition. *Nature communications*, 9(1), 3030.

Lee G, et al. (2017) JNK-associated scattered growth of YD-10B oral squamous carcinoma cells while maintaining the epithelial phenotype. *Biochemical and biophysical research communications*, 487(4), 862.

Houssin NS, et al. (2017) Role of JNK during buccopharyngeal membrane perforation, the last step of embryonic mouth formation. *Developmental dynamics : an official publication of the American Association of Anatomists*, 246(2), 100.

Kim EY, et al. (2017) ABT-737 Synergizes with Cisplatin Bypassing Aberration of Apoptotic Pathway in Non-small Cell Lung Cancer. *Neoplasia (New York, N.Y.)*, 19(4), 354.

Lukey MJ, et al. (2016) The oncogenic transcription factor c-Jun regulates glutaminase expression and sensitizes cells to glutaminase-targeted therapy. *Nature communications*,

7, 11321.

Su KH, et al. (2016) HSF1 critically attunes proteotoxic stress sensing by mTORC1 to combat stress and promote growth. *Nature cell biology*, 18(5), 527.

Park T, et al. (2016) Fibroblast Growth Requires CT10 Regulator of Kinase (Crk) and Crk-like (CrkL). *The Journal of biological chemistry*, 291(51), 26273.

Wozniak AL, et al. (2016) Hepatitis C virus promotes virion secretion through cleavage of the Rab7 adaptor protein RILP. *Proceedings of the National Academy of Sciences of the United States of America*, 113(44), 12484.

Martinez NM, et al. (2015) Widespread JNK-dependent alternative splicing induces a positive feedback loop through CELF2-mediated regulation of MKK7 during T-cell activation. *Genes & development*, 29(19), 2054.

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