# Resource Summary Report

Generated by RRID on Aug 27, 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 RRID .

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-Rodr??guez 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.