

Resource Summary Report

Generated by [kravitz2](#) on Aug 9, 2026

pCDNA3 Flag MKK7B2Jnk1a1(APF)

RRID:Addgene_19730

Type: Plasmid

Proper Citation

RRID:Addgene_19730

Plasmid Information

URL: <http://www.addgene.org/19730>

Proper Citation: RRID:Addgene_19730

Insert Name: MKK7B2Jnk1a1(APF)

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(APF)

Relevant Mutation: replaced dual phosphorylation motif Thr(1959)-Pro-Tyr(1965) with Ala-Pro-Phe

Record Creation Time: 20220422T222047+0000

Record Last Update: 20260808T081354+0000

Ratings and Alerts

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

No alerts have been found for pCDNA3 Flag MKK7B2Jnk1a1(APF).

Data and Source Information

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

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).

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.

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.

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

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.

Rui YN, et al. (2015) The GST-BHMT assay reveals a distinct mechanism underlying proteasome inhibition-induced macroautophagy in mammalian cells. *Autophagy*, 11(5), 812.

Jha A, et al. (2014) Convergent regulation of the lysosomal two-pore channel-2 by Mg²⁺, NAADP, PI(3,5)P₂ and multiple protein kinases. *The EMBO journal*, 33(5), 501.

Sun G, et al. (2013) Ajuba family proteins link JNK to Hippo signaling. *Science signaling*, 6(292), ra81.

Oehrl W, et al. (2013) Differential regulation of M3/6 (DUSP8) signaling complexes in response to arsenite-induced oxidative stress. *Cellular signalling*, 25(2), 429.

Cargnello M, et al. (2012) Phosphorylation of the eukaryotic translation initiation factor 4E-transporter (4E-T) by c-Jun N-terminal kinase promotes stress-dependent P-body assembly. *Molecular and cellular biology*, 32(22), 4572.

Cotsiki M, et al. (2012) Phosphorylation of the M3/6 dual-specificity phosphatase enhances the activation of JNK by arsenite. *Cellular signalling*, 24(3), 664.